QUANTITATIVE ANALYSIS OF URBAN MORPHOLOGY: EXPLORING ETHNIC URBAN FORMATIONS AND STRUCTURE IN THE CITY OF İZMİR

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ABSTRACT

QUANTITATIVE ANALYSIS OF URBAN MORPHOLOGY: EXPLORING ETHNIC URBAN FORMATIONS AND STRUCTURE IN THE CITY OF İZMİR

Urban design and planning have been mainly involved in forming and structuring our cities. In order to understand this form and structure, various methods and tools of analyses have been developed in urban morphology. Spatial analysis is of basic need within planning and one of the essential tools for anyone who wants to investigate space. Spatial analyses are also useful tools on the way to a deeper understanding of the city itself. The aim of this thesis is to develop a theoretical framework and quantitative methodology for modeling urban form and structure, in order to better understand the complexity inherent in urban environments and to generate and improve relevant knowledge for urban design and planning. Space syntax is a set of techniques for the analysis of spatial configurations of all kinds, especially where spatial configuration seems to be a significant aspect of human affairs, as it is in buildings and cities. Space Syntax is unique as an analysis tool since it allows us to objectively measure the street network configuration. To explore the geometrical features of urban form, a geometric model is utilized and a typological analysis approach will be used for the basic element of the fabric: “the building block”, Quantitative measures obtained from these syntactic and geometric approaches, their relationships and interdependencies are analyzed and explored. An integrated set of measures is identified. Case studies in Izmir are selected for testing the methodology to be developed. Methodology development is concentrated on five ethnic districts at the late-Ottoman period. These are also known as the Greek, Jewish, Armenian, European and Turkish quarters of the city. By analyzing the urban form and structure of these districts, a new integrated quantitative methodology for analysis of urban morphology is presented.

Keywords: Urban Morphology, Urban Analysis, Space Syntax, Urban Pattern, Izmir

ÖZET

KENTSEL MORFOLOJİDE NİCELİKSEL ÇÖZÜMLEMELER: İZMİR KENTİNDE ETNİK KENTSEL FORM VE YAPININ İNCELENMESİ

Kentsel tasarım ve planlama, kentin nasıl şekillendirileceği ve yapılandırılacağı üzerinde çalışır. Kentsel morfolojide, kent formu ve strüktürünü anlamaya yönelik olarak çok çeşitli mekansal analiz yöntemleri ve araçları geliştirilmiştir. Mekansal analizler ayrıca, kentin doğru bir şekilde algılanabilmesi için de son derece faydalı araçlardır. "Mekan Dizimi", mekansal analiz yöntemleri içinde, özellikle mekan organizasyonu, mekan kurgusu ve mekansal yapıyı, kentler ve binalarda olduğu gibi, sosyal yönünü ve mantığını da ölçecek nitelikte ele alması nedeniyle ayrı bir yere sahiptir. Söz konusu yöntem, kentsel yapının özelliklerini niceliksel yöntemlerle nesnel olarak ölçebilmesi nedeniyle, önemli bir tasarım aracı olarak da önem kazanmıştır. Kentsel formun geometrik özelliklerinin incelenmesi amacıyla da tipolojik analiz yaklaşımı ile kentsel dokunun temel elemanlarından olan yapı adaları şekil ve yerleşim yönünden incelenmiştir. Söz konusu sentaktik ve geometrik yöntemler sonucu elde edilecek matematiksel değerler ve bunların ilişkileri analiz edilerek, bütünsel bir niceliksel yöntem modellemesi yapılmıştır. Alan çalışması olarak da, geç-Osmanlı döneminin İzmir kenti üzerinde çalışılmıştır. Metodolojik yaklaşım, Osmanlı döneminde İzmir'de bulunan beş etnik mahalle dokusu - Türk, Rum, Yahudi, Frank ve Ermeni mahalleri - üzerinden geliştirilmiştir. Yukarıda adı geçen yöntemler, kentsel mekanın tasarım ve morfolojik olarak tanımlanmasına yardımcı olan bilgisayar destekli teknolojik yaklaşımlar olarak kabul edilebilirler. Bu çerçevede, bu tez çalışması sonucunda, kentsel mekanın fiziksel ve sosyal yapısıyla anlaşılması/algılanmasına katkıda bulunulması, kentsel çevrelerin analizinde, üretiminde ve değerlendirilmesinde kullanılabilecek yeni bir niceliksel yöntem yaklaşımının geliştirilmesi ve bu modelin bir analiz/tasarım/üretim aracı olarak kullanılması hedeflenmektedir.

Anahtar Kelimeler: Kentsel Morfoloji, Mekansal Analiz, Mekan Dizimi, Kent Dokusu, İzmir

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CHAPTER 1

INTRODUCTION

"At the deepest level of what all cultures share — that is,
of what is common spatially to humankind – is
the geometric language that we all speak. "

Space is the machine (Hillier 2007)

1.1. Research Problem

Urban design and planning have been mainly involved in forming and structuring our cities. In order to understand this form and structure, various methods and tools have been developed. For various reasons, - descriptive, explanatory, or prescriptive - urban environments have been analyzed; quantitatively and/or qualitatively. These analyses have rarely been used effectively; or hardly been sufficient enough to explain the urban phenomena. The usual methods or tools that we use for urban analysis have always been questioned. Although, spatial analysis has always been very important for planners and designers, an efficient and complete way of evaluating the urban form and structure could not have been found yet.

Urban form and structure has been one of the major research subjects of urban research all along from the beginning to now. Morphological analysis is of basic need within urban studies and one of the essential tools for architects, urban designers, planners and anyone who wants to investigate urban space. Spatial analyses are also useful tools on the way to a deeper understanding of the city itself. The methods and techniques utilized in the area range from simple hand-made solid-void/figure-ground studies to complex computerized GIS-based analyses.

In general, urban morphology can be defined as the study of urban form and structure. Knowledge of urban form is one of the essential things an urban designer should know about. It is a part of the broader picture; an approach to conceptualizing the complexity of physical form. Understanding the physical complexities of various scales, from individual buildings, plots, street-blocks, and the street patterns that make up the structure of towns helps us to understand the ways in which towns have grown and developed. The qualities of place are often ascribed, to a considerable extent, to such physical characteristics as size, scale, and relative proportions of various elements.

This knowledge helps us to appraise morphological studies have also tended to show that there is a hierarchy of change within urban features. Most resistant to change is the street network, and so again we have towns whose basic structure remains recognisable, with plot and building block patterns, and within this hierarchy, buildings can change fastest.

Urban settings are definitely physical entities, although they have been the background to many human activities. This thesis will try to concentrate on the physical properties of our cities and will try to quantify the physical aspects of urban form and structure. By looking at quantitative results of these sole physical features, will we able to tell about different spatial formations within the city and bridge these results with a qualitative analysis?

1.2. Theoretical Background / Implications

The research problem mentioned above has also been the subject of many urban theoretical studies. Many theoreticians have dealt with ways of understanding, evaluating and analysis of urban form and structure. Among these various valuable works and contributions, the research problem is constructed on the following notable attempts within urban theory:

- the formulation of urban questions in the social logic of space in terms of relationships and spatial configuration on the forces governing the city (Hillier 1996, Hillier and Hanson 1984),

- the revolutionary works of Christopher Alexander that tries to explain urban patterns, structure, network and form (Alexander 1964, 1965, 1998, Alexander, et al. 1977, Alexander, et al.1987),

- the human aspects of urban form (Rapoport 1977),

- the casting of urban patterns as fractals emphasizing their linked hierarchies and micro structure (Batty and Longley 1994, Batty and Xie 1996),

- the definition of post-modern pathways to urban morphology (Foucault 1977) and (Lefebvre 1991) for the production of space.

These theoretical approaches define the framework of the research and provide the backbone for this thesis. The research will focus on the ideas, contributions and findings of these theoretical works in the second chapter.

1.3. Research Basis

This thesis deals with the urban phenomenon in terms of spatial analysis, which can give us the necessary results for morphological studies. A review of the literature suggests that the studies in urban morphology The research is based on following questions, the thesis statement, aim and objectives.

1.3.1. Questions

The folllowing questions emerge from studying the literature of related issues:

- How far can we go forwards on the way of the application of quantitative analysis methods to understand various aspects of form and structure in urban morphology?

- Is it possible to analyze/evaluate urban spatial complexity by only analyzing physical features of urban form and structure using quantitative methods?

- Can we use and produce quantitative measures to cover physical and social aspects of urban space?

- Can these results of quantitative analysis be supported by the results provided by qualitative analysis methods?

- Why do we analyze urban form and structure - for descriptive, explanatory, or prescriptive reasons?

- Can we explore more effective ways in using computational and computerized methods for the modeling of urban spatial complexity and for the analysis of urban form and structure quantitatively?

1.3.2. Thesis Statement

The study of urban morphology, as a computational application of quantitative methods for analysing physical features of urban form and structure, can help us in obtaining descriptive/explanatory/prescriptive results for decoding/interpreting spatial complexity of urban environments.

1.3.3. Aim and Objectives

The aim of this thesis is to develop a theoretical framework and quantitative methodology for modeling urban form and structure, in order to better understand the complexity inherent in urban environments and to generate and improve relevant knowledge for urban design and planning.

Beyond this general aim of the study, the following research objectives can be specified:

- Make contribution to the understanding of urban form, both in terms of its “physical” and “social” structure
- Develop a new quantitative method by using morphological measures and tools for analyzing urban form
- Clarify such methods effectively with the support of qualitative analysis of urban environment
- Demonstrate this quantitative method for comparative measurement of urban form by bridging it to qualitative analysis
- Use quantitative methods so as to cover the physical and social aspects of urban space
- Analysis of the complexity of the urban morphology and evaluation of the current methods available for modeling this complexity;
- Development and demonstration of a spatially explicit computational and computerized method for understanding the urban form and structure

1.3.4. Limitations and Assumptions

Case studies in Izmir are selected for testing the methodology to be developed. Methodology development is concentrated on five ethnic urban formations during Ottoman times within the city. These are also known as the Greek, Jewish, Armenian, European and Turkish quarters of the city. These districts show distinct settlement patterns by analyzing the urban form and structure of today's Izmir. The thesis will try to show how each settlement's urban patterns, layout, configuration and structure differ from other districts specific morphologic features.

This research uses the quantitative data limited to the historical maps, which are two dimensional and depends on the knowledge that is reachable today. Due to the limited data and time available, methodological exploration forms the major focus of this research. Theoretical framework will be the guide for this study.

Unfortunately today, we only possess two detailed historical evidence to be able to evaluate Izmir of Ottoman period: A plan by Luigi Storari dated 1852, and another one called the "insurance plan" dated 1905. Within the thesis, the city will be called as "Smyrna" meaning the Ottoman period between XVII-XII centuries and as "Izmir" meaning the today's city.

1.4. Context / Scope

Case studies in Izmir of the late-Ottoman period are selected for testing the methodology to be developed. Methodology development is concentrated on five ethnic urban formations during Ottoman times within the city. These are also known as the Greek, Jewish, Armenian, European and and Turkish quarters of the city. By analysing the urban form and structure quantitatively of these districts as case studies in Izmir, the traces of precedent urban formations will be explored.

The city of Izmir earned its fame as one of the most important port cities of the world during the 17^{th} to 19^{th} centuries. The majority of its population were Greek but merchants of various origins (especially Greek, French, Italian, Dutch, Armenian, Sephardi and Jewish) transformed the city into a cosmopolitan portal of trade. In the Late Ottoman period, the city center was composed of 5 different ethnic quarters.; Turkish (Muslim), Armenian, European, Jewish, and Greek . During this period, the city was famous for its wide range of products it exported to Europe (Smyrna/Sultana raisins, dried figs, carpets, etc.)

Today, Izmir is Turkey's third largest city and is nicknamed “gavur İzmir” and/or "the pearl of Aegean." It is widely regarded as the most Westernized city of Turkey in terms of values, ideology, gender roles, and lifestyle.

1.5 Research Design

This research is primarily theoretical and methodological in nature. The methodology is highly dependent on the concepts used, the methods selected and the data available. Concepts must be based on an understanding of the spatial complexity of urban environment and the information requirement of urban morphology. The selected methods should be based on an evaluation of the techniques available in both complexity modeling and spatial analysis of GIS. This needs extensive literature review and the development of evaluation criteria for the selection of following methods

1.5.1. Syntactic Analysis

“Space Syntax” is a set of techniques for the representation and quantification of spatial patterns. In recent decades, spatial analysis has seen tremendous growth, especially so with the work of Prof. Hillier and the development of the “space syntax” theory and method, that has encouraged research into areas as diverse as the analysis of houses, courts, factories and hospitals, to the analysis of whole urban systems. Space syntax is a method for spatial description and analysis; and when it is applied in an urban context it would account for some basic characteristics and properties of urban layouts.

1.5.2. Geometric Analysis

To explore the geometrical features or urban form, a shape based geometric model will be utilized and a typological analysis approach will be used for each individual element of the fabric. These geometrical features can be listed as follows:

- the typology of plots or the classification of lots,

- the typology of streets or the inventory of types of streets,

- the typology of building blocks or the identification of types of building blocks,

- the typology of open spaces or the identification of types of urban spaces and squares.

Within the scope of this research, building block typology will be studied in terms of its geometry and layout. Street typology will only be evaluated with its configurational properties. The computational relationships between these instances will also be analysed. The method will be explained in the fifth chapter in detail.

1.5.3. An Integrated Methodology

The mathematical measures, which will be obtained from these syntactic and geometric approaches, will be analyzed, then their relationships and interdependencies will be explored. An integrated set of measures will be identified. Since street network and block pattern identification is critical in understanding spatial relations, and network, pattern, and shape are closely linked, a clear analysis of pattern and shape should be made. This analysis provides the basis for a detailed description of shape analysis and definition of shape indices in the context of studying urban scale phenomena.

1.6. Thesis Structure

The thesis comprises theory/context, methodology and application, which correspond to the three major sections of the thesis: Chapter 2 lays down the main theoretical framework for research, Chapter 3 defines the context of urban phenomenon on which the research will be carrried. Chapters 4 and 5 deals with two main parts of research design: syntactic and geometric analysis respectively., and chapter 6 puts forward an integrated approach as the core of this research and presents the application of the method where it is tested in the case of Izmir.

Chapter 1 provides a general overview of the thesis. This includes its theoretical basis, the questions that are addressed, its research statement and objectives, and its methodology and structure.

Chapter 2 provides the theoretical discussions that are relevant to this research. The theoretical section is dominated by the analysis of the urban form and structure, system and its complexity; the former includes pattern, process and behaviour, the latter is divided into spatial, temporal and decision-making processes. The concepts of urban complexity, spatial configuration, etc. are introduced and theories of Hillier, Alexander, Rapoport, Foucault, and Lefebvre are examined.

Chapter 3 involves the urban history of Izmir in general, a deeper understanding of the dynamics of the Late Ottoman period and the formation of quarters, some features of case study areas, and the transformations in XXth century.

Chapter 4 explains space syntax methods and techniques, concepts of connectivity, integration, and intelligibility, describes the syntactic measures, their calculations, discussions and debates of space syntax methodology, and selected case studies of space syntax applications from all over the world.

Chapter 5 defines the geometric measures of typological approach. The method is evaluated based on the operational criteria, e.g. data availability, interpretability and computer linkage. This evaluation results in a conceptual model for the following chapters.

Chapter 6 explains the integration of syntactic and shape measures to form a general quantitative method to analyze urban form and structure, and the application of this method to selected case study areas in Izmir, and a qualitative evaluation of the results.

Chapter 7 evaluates the findings of the study with reference to the research objectives, and according to the expected outcomes and contributions that were outlined above and offer discussion and suggestions for further research.

1.7. Expected Outcomes and Contributions

This thesis tries to make contributions to the understanding of urban form, both in terms of its "physical" and "social" structure. The social structure of Izmir in the late-Ottoman period presents interesting results in terms of spatial structure, since the locational choices of different ethnic groups and their production of urban layouts and urban space differ quite significantly in the general structure of the city.

A new quantitative method, based on a limited number of indices of street network and block pattern, will be developed by using morphological measures and tools for analyzing urban form. These indices can help us in defining the physical characteristics of a particular urban environment, specificly the districts in our case, and by the use of these quantitative measures, it will be possible to differentiate the physical morphological features of the district.

Quantitative methods will be used so as to cover the physical and social aspects of urban space. Analysis of the complexity of the urban morphology and evaluation of the current methods available for modelling this complexity will be tested. As a result, spatially explicit computational and computerized method for understanding the urban form and structure can be described.

CHAPTER 2

THEORY OF URBAN MORPHOLOGY AND ANALYSIS

2.1. Understanding Urban Complexity

Urban environments are highly *"complex"* systems that are formed by the interactions between many different actors and agencies, each making decisions which are often contingent on those made by others, and which emerge from the interactions of different social, economic and physical systems, each with their own rules (Penn and Turner 2003). In order to secure sustainable pathways for urban development and development control, there is a strong need to achieve a well founded understanding of urban morphology, growth and change processes. The notion of *"complexity"* has been largely used in urban studies in two different ways: firstly, within the context of social sciences, as reference to a perceived superimposition of domains, systems, approaches, causes and effects of the urban matter. In this way, *complexity* seems to be related to the difficulties of having a clear cut urban problem definition: environment, built space, society, politics, economics, production, reproduction and accumulation are closely related to each other, turning each one's output effect from the action of the others, as well as cause to all others. In this context, complexity is related to conceptualisation and description of large, diverse and complicated systems of many variables. Secondly, the term *"complexity"* is used as reference to supposedly essential qualities of *"urban form"* / *"urban life"*. For instance, city form/life differs from suburbs precisely for its higher degree of *complexity*. In this sense, complexity here is a value, belonging to the domain of evaluation. Urban designers and urban morphology researchers refer to complexity as an urban property, related to at least one of the concepts of variety, scale (size), growth, intensity, continuity, density. Therefore, *complexity* could be understood as a particular state of *urban form/life*, in which one or more of those aspects are present in a great extent, or beyond a given threshold (Krafta 1997).

It should be possible and beneficial to define ***"spatial complexity"***, and to define the spatial components of ***"urban complexity"***. Configurational studies can help to offer a good background for this, to the extent that it treats the spatial problem in an accurate way in connection with its social logic. Configurational studies are referred as the field of urban space study that deals with particularities of ***"urban form"***. Space has been usually taken in main stream urban studies as distance. Urban economics, as well as spatial interaction reduce space to a friction restricting any social interaction. Urban configuration, alternatively, intends to take space in a little more detailed way and look at its inner structure (Karimi 1997).

The urban system is complex and its global spatial attributes are related to patterns of activity and movement at the local scale. In order to construct a generative model which simulates the spatial pattern of urban environments, two interrelated urban spatial systems need to be modelled together. These are the built form system which reflects the pattern of uses and activities associated with the use of particular spaces and the movement system that connects those spaces (Magalhaes 1997).

2.2. Understanding the City as a System

Morphological studies formulate urban functions in terms of relationships and movement (Salingaros 1998). Nodes of human activity such as home, work, park, store, restaurant, church, etc. are connected into a network. Successful paths occur along boundaries. One way of understanding their success is that people moving along such paths for the purpose of higher level information exchange can carry out lower level information exchange with other modules (e.g. observing). Another study (Salingaros 1999) links the use of urban space to the information field generated by surrounding surfaces, and to how easily the information can be received by pedestrians. Urban space is bounded by surfaces that present visual information. This information is functional; it can recommend behaviors to the observer.

Information and communications technologies need to be incorporated into traditional city functions (Drewe 1999, 2000). The dynamics of the rapidly evolving electronic city are as yet little understood, while the twentieth-century model of a city based on simplistic geometrical ordering is irrelevant for modeling a communications network. Blocks of functionally segregated buildings strictly aligned to a rectangular grid do not reveal the various overlapping networks that actually drive a city to function (Dupuy 1991, 1995). As a complex system whose output is commercial wealth and culture, a city has a functional architecture based on information exchange. Information and communications technologies should fit neatly into the hierarchy of information exchange functions at different levels of scale.

There has also been recent attempts to understand cities as complex systems. The most comprehensive of these are by Peter Allen (1997) and Juval Portugali (2000), and their collaborators. The work of Michael Batty and Paul Longley (1994) and Pierre Frankhauser (1994) is concerned with structure and urban form on different levels of scale, although it focuses on fractal forms rather than networks. To this must be added the results of the Space Syntax group, summarized in the book by Bill Hillier (1996). There is overwhelming evidence that cities are complex systems, and this opens the door to studying them in more realistic ways than the simplistic geometry of the CIAM model. It is not common to see studies that attempt to find the system architecture of cities, so their contribution is a useful addition to this general effort.

There has always been an enthusiastic effort to find deeper geometrical relations, hierarchies and networks to unravel the ***"complexity"***(/-ies) of ***"urban form"***. Among the most significant approaches of this kind are: the hierarchical ideas, pioneered by Christopher Alexander (Alexander 1965, 1977, 1984, 2002); ideas of shape grammar based on mathematical linguistics (March and Stiny 1985); *space syntax*, or configurational analysis of spatial systems and behavioural patterns (Hillier and Hanson 1984); and more recently, the application of *fractal geometry* into urban theory (Batty and Longley 1994).

2.3. Understanding the City as Patterns

Christopher Alexander pioneered the understanding of complex city structure. In roughly eleven-year intervals, he and his colleagues have published seminal statements about how a city grows and repairs itself (Alexander 1965, 2000; Alexander, et al. 1975, 1987). Most important have been the pointed comparisons between the processes whereby a living city develops, and a dead city decays. That body of work goes to the heart of the matter: it includes specific guidelines on how to build a living city; what legislation is needed to do so; the distribution of money in urban projects; the specific urban design process to follow; etc. Urban designers and planners will need to implement practical strategies to heal decaying cities, and generate new, living cities. Those details are already involved in Alexander's studies.

According to Alexander, the life of urban spaces form naturally around their borders and edges where people gravitate. Once they are full, the gradual occupation will naturally turn inwards (Alexander 1977). Gehl calls such property as the *"edge effect"* (Gehl 1980) which is widely accepted as discussed in the research conducted by a number of different investigations (Carr 1992, Marcus and Francis 1990, Korosec-Serfaty 1982, Whyte 1980 and Joardar and Neill 1978). The edge effect exists because people prefer to sit in areas facing the pedestrian flow (Campos 1999). Despite the gradual occupation follows a outside to inside movement, both Alexander (1977) and Marcus and Francis (1990) add that people tend to avoid very laid open spaces, looking for areas which are not either too exposed or too enclosed, favouring a combination of unobstructed views of street activity and a degree of privacy. Whyte agrees with this point of view. He suggests that this may be related to "primeval instinct: You have a full view of all comers but the rear is covered".(Whyte 1980, 1988) Although Whyte recognises that protection does not explain the popularity of curbs where "they face inwards, toward the sidewalk, with their backs exposed to the dangers of the street" (Whyte 1980).

> *"For the human mind, the tree is the easiest vehicle for complex thoughts. But the city is not, cannot, and must not be a tree. The city is a receptacle for life. If the receptacle severs the overlap of the strands of life within it, because it is a tree, it will be like a bowl full of razor blades on edge, ready to cut up whatever is entrusted to it. In such a receptacle life will be cut to pieces. If we make cities which are trees, they will cut our life within to pieces."* (Alexander 1965)

When published in 1965 Alexander introduced two patterns of thought, tree and semi-lattice, and cogitated upon their relevance for urban design and planning. Alexander refers semi-lattice to what he calls "natural cities" and tree to "artificial cities". He demonstrates how the hierarchical (tree) structure of functions in planned cities is a result of mental shortcomings in the human mind. And planners are without doubt human beings (Klarqvist 1997).

A quote from another article by Christopher Alexander, ‘The city as a mechanism for sustaining human contact’ offers some guidance:

> *The configuration must be thought of simply as a partial specification of what a city has to be to function as a mechanism for sustaining human contact. It is inevitable that urban concentrations create stress. Our first reaction to this urban stress is to move away from it; to turn our backs on it; to try to escape it. This is very natural. Yet the remedy is worse than the disease. ... If urban society is to survive, we must overcome this over-reaction. If people do not expose themselves, if they do not make themselves vulnerable, life will become more and more intolerable, and we shall see more and more of the signs of dissociation which are already far too evident* (Alexander 1972).

This sets out for discussion the relation between the global town plan pattern and its social aspects. The articles by Alexander et al. quoted are deeply concerned with design problems of modern urban structures. The solutions and proposals they present maybe questioned, but they take hold of important questions.

Conzen (1966) also developed a general theoretical structure for the morphologic analysis of urban areas, focusing the need of to treat the urban form from its historical aspects. Hilberseimer (1955) and Kostof (1991) developed theoretical arguments approaching the main elements that influence the urban form. Hillier and Hanson (1984) collaborated with the descriptive analysis of the space properties of the urban form by the use of the methodology on space syntax.

The organic form of unplanned settlements may sometimes appear chaotic but it has also been much admired by architects and urban designers and provided inspiration as a model for new urban development. The history of urban design is filled with the echoes of Mediterranean hill towns, or English villages. This is based on an aesthetic and visual appreciation of the built form, rather than on an analysis of the structure of socio-spatial relationships which underpin the physical arrangement of spaces. The aesthetic of the picturesque has a long tradition in urban design in the ideas and work of Sitte, Parker and Unwin, Cullen, Spoerry and others (Broadbent 1990). As a basis for urban restructuring, it has not been without problems - especially where a particular model, say a Greek village, has been adapted and transplanted to a new cultural setting such as a London housing estate. (Hillier and Hanson 1984)

Parallel with this picturesque tendency in urban design many town planners, from Patrick Geddes onwards, have described the city as an organism, characterised by irregular patterns which result from slow accumulation of change and incremental growth (Lynch 1987, Kostof 1991). The idea of small incremental change has been a reoccurring theme in the work of Christopher Alexander, one of the few urban theorists who has explored the activity characteristics underlying traditional, organic types of settlement. Alexander's theories began from a functionalist perspective in his early work, Notes on the Synthesis of Form (1964), relating place to human activity using the formal theory of sets. Later he developed the Pattern Language (Alexander 1979) which was an attempt to catalogue in a set of maxims a set of place-making behaviour patterns and activities which could inform the building and urban design process. More recently, the concept of incremental growth is one of the seven guiding principles of a holistic theory of urban design (Alexander 1987).

Spiro Kostof (1991, 1992) illustrates in some detail the social processes which underlie the historical development of urban settlement patterns. He deals with both informal, organic urban forms, and the more regular forms based on grids or other formal geometries. Kostof describes most cities as being the product of both planned and unplanned processes. He gives the example of a Roman settlement, based on a regular grid, which has gradually broken down and taken on an irregular form in response to social changes in the subsequent medieval and Islamic epochs (Kostof 1991). By contrast, in the upgrading of modern squatter settlements a regular, street pattern is often imposed on an urban form that has grown organically, and incrementally, exactly in the manner of medieval hill towns or Islamic settlements.

The idea that modern squatter settlements are a form of vernacular is a theme that has been fruitfully explored by that school of theorists, of whom Paul Oliver and Amos Rapoport are perhaps the most well known, who have adopted an anthropological and socio-cultural perspective on architecture and urban design (Saglamer and Erdogan 1993). This was associated with the view of John Turner and others that the squatter settlement frequently represented a functional adaptation to the needs of its inhabitants. Although this outlook radically affected the planning approach to low income housing in the seventies, the conventional view continues to lay stress on the social problems associated with such settlements and to emphasise their temporary character. In practice, however, they are frequently upgraded and consolidated until they become hardly distinguishable from any other district of a city (Kostof 1991, Caminos and Goethert 1978).

2.4. The Social Logic of Urban Morphology

The social logic of urban morphology can be described as a matter of finding relations between "social structure" and "spatial structure". In 1984, in "The Social Logic of Space", a new theory of space has been set out as an aspect of social life. Since then the theory has developed into an extensive research programme into the spatial nature and functioning of buildings and cities, into computer software linking 'space syntax' analytic tools with graphical representation and output for researchers and designers, and into an expanding range of applications in architectural and urban design. During this time, a large number of articles, reports and features have appeared, theses have been written in many universities using the theory and methods of 'space syntax', and research has been initiated in many parts of the world into areas as diverse as the analysis of archaeological remains and the design of hospitals.

Since 1984, Bill Hillier and his colleagues at UCL have been conducting research on how space features in the form and functioning of buildings and cities. A key outcome is the concept of 'spatial configuration' - meaning relations which take account of other relations in a complex. New techniques have been developed and applied to a wide range of architectural and urban problems. His recent book 'Space is the Machine', has assembled some of this work and shown how it leads the way to a new type of theory of design: an 'analytic' theory in which understanding and design advance together. The success of configurational ideas in bringing to light the spatial logic of buildings and cities suggests that it might be possible to extend these ideas to other areas of the human sciences where problems of configuration and pattern are critical.

During this time, many theoretical advances have also been made, often in symbiosis with the development of new techniques for the computer representation and analysis of space. The four important urban theories stated by Hillier (Hillier 1984, 1996, 2000, 2001) are:

- the theory of "natural movement",
- the theory of "movement economy",

- the theory of “centrality as a process”
- the theory of “the city as object”.

The theory of “natural movement” suggests that movement pattern is influenced by the spatial configuration of the urban grid, made up of a group of lines, i.e., axial lines. It also argues that while we may find movement and attractors (land-use or functional types which benefit greatly from movement and by themselves are capable of generating movement, such as retail shops) highly related to each other, we cannot assume that movement can be explained by attractors until we can be sure that the configurational properties of the grid have not influenced both the presence of movement and the presence of attractors (Hillier 1984). The key here is that while the grid configuration can directly influence both the patterns of movement and attractor distribution, movement and attractors cannot directly influence the grid parameters.

The theory of “movement economy” explains the mechanism which generates the common strong association between movement and attractors. According to this theory, it is the grid structure that initially influences the pattern of movement, and they then affect the distribution of attractors, which in turn attracts more movement into the grid, creating the multiplier effect on movement (Hillier 1996).

The theory of “centrality as a process” concerns the mechanism which generates the spatial characteristics of a functional land-use type of areas which benefits highly from movement. The key to this process is the minimisation of mean trip length in order to generate movement economy within the local grid (Hillier 2000). Mean trip length is minimised through “metric integration”, that is, the minimisation of both the configurational distance (the topological distance to go from A to B) and the metric distance (the specific distance to go from A to B).

The theory of “the city as object” suggests that there is a generative process, which has a dual characteristic working through socio-cultural and micro-economic forces, and which gives rise to the variation and invariants of area structure across cities (Hillier 2001). The socio-cultural process generates the variation in urban grids across cities, mostly seen in residential areas and influenced by variety in tastes, norms, standards, etc., through the degree to which movement economy is controlled. The micro-economic process generates the invariants, i.e., the deformed wheel shape of the global city structure and the compact and integrated local grid structure of a functional area which benefits highly from movement in order to promote movement economy. Accordingly, the study hypothesised that spatial structure is the primary factor influencing functional development across and within areas, through its ability to influence the pattern of movement, and so facilitate different land-use specialisation in different areas, with different spatial structures to accommodate these functional differences.

According to Hillier's theories of "natural movement", "movement economy" and "centrality as a process", spatial structure, movement pattern and retail distribution are inter-related and there are two key issues in their interrelationships. One is that spatial structure first influences movement and then influences land-use pattern, which in turn creates a multiplier effect on movement, and, where the process becomes intensive, feedback effects the spatial structure of the area grid.

Hillier *et al* argue that there is an underlying principle that relates grid structure to movement pattern not only on the main lines into and out of a city, but also in the fine structure, giving rise to a multiplicity of interrelationships between grid structure, land-uses, densities, and even the sense of urban well being and fear (Hillier 1996). This principle is termed the *movement economy*.

Central to the natural movement economy theory proposed by Hillier (1993 1996), movement density is inherent in the structure of the urban grid. "Natural movement is the proportion of movement on each line that is determined by the structure of the urban grid itself rather than by the presence of specific attractors or magnets." (Hillier 1996) Space has potentialities that through the process of partitioning it, spatial patterning allows space to be exploited. A hierarchy of space, in terms of the distribution of relative integration, is inevitable in this process.

Such concepts have been formulated, described or suggested by the originators of space syntax, Hillier, Hanson, Penn and others at the Bartlett, University College London.

> *'Natural movement is the proportion of movement on each line (in each street) that is determined by the structure of the urban grid rather than by the presence of specific attractors or magnets.' (Hillier 1993, 1996)*

According to Hillier, we don't need signs to find our ways but spatial structures have a *natural intelligibility,* which lead us. Hillier expresses this concept by the correlation between the connectivity values - *a* local property of a space which can be seen from there - and the integration values - which cannot be seen from there - of the spaces in that area(Hillier 1987). Perceivable information is representative for the non perceivable information in an intelligible environment. Where as, in an unintelligible system, well connected spaces are not well integrated. This unintegrated situation of the connections mislead us about the status of that space in the system as a whole. Predictability in an area is defined by the "*correlation between the integration values"* of the spaces and the observed densities of use (Hillier 1994).

Penn argues that, if we accept the fact that the cities are "mechanisms for generating contact" and local, large scale patterns of movement, and relating these with land uses is one of their main tools. These local to global correlations are exactly what allows the parts of cities to come together to form a global whole. The precondition for the social function of the city is, the *consistent relations between local and global movement patterns* which allow us to behave rationally in our choice of location for land uses (Penn 1993). Hillier argues that: *'The more the set of dark points (the points of the local scatter, representing the spaces in a particular sub-area) forms a line crossing the regression line for the whole city, but tending to greater steepness, then the sub-area is distinctive'* (Hillier 1996).

According to Penn, retail areas have the potential for exponential rise in pedestrian flows with increased integration. This can be because of the fact that the pattern of the grid gives rise to a pattern of pedestrian movement, which in turn attracts retail land uses to take advantage of the passing trade. In mixed used areas the shops act as a multiplier on the original flows. They are firstly located in spaces of through-movement, and then they turn out to be the *destinations for to-movement* (Penn 1993). Hillier claims that: *'Land uses and building density follow movement in the grid, both adapting to and multiplying its effects.'* (Hillier 1993, 1996).

According to the simultaneous studies of vehicular and pedestrian movement made by Penn and Dalton (1994) the degree which vehicular traffic dominates pedestrian movement in the primary route structure of an urban area is varied radically upon the dominant land use. One needs to bring the pedestrian movement onto more equal terms, if he wants to civilise the car. A sufficient density of retail/commercial land use can increase the pedestrian numbers visibly. Viable long term retail centres can only be possible by having sufficient levels of both local and global integration for the 'multiplier effect' to take off. By exploiting self perpetuating and self regulating mechanisms such as the multiplier effect, long term conditions can be achieved. Maximizing the level of passing trade and making it even it out through time is the perquisite for both local and global integration for the shopping multiplier effect (Penn 1993).

Hillier argues that individuals can live in a complex and dense social context without getting on each others nerves, in the essence of the local to global correlations or the so-called local/global interface. If the compromise between the individual interests or perceived qualities can be defined at its best, common interest and global quality can be sustainable. Individuals think global and act or react local. They are simultaneously transspatial (or global) because of their intentions, and local because of their reactions. The local and the global scale are different but inseparable natures of the same thing. Assume several people are existent (co-present) in a space, no one can say if they share or divide this space. It depends on many things, but the difference, which only exists in the minds of the individuals, is not perceivable.

> "*Between them, a consensus about the real nature of their co-presence is therefore superfluous. In a social context where co-presence is mainly made by people who don't know each other, the relevant information is that people are present or not. The only consensus we can expect is a probabilistic one. How can we have any expectation about the behaviour and presence of people we don't know? What one will do then, is to try to explain or predict the perceived copresence by the information given by the environment, in essence, one's perception of spatial integration or, more general, of accessibility. When the spatial distribution of the real community corresponds with the one of the virtual community - that is to say when we see people where we expect to see them - we feel confirmed in our perception and understanding of our social environment. When our social environment seems spatially predictable, we can decide better where to live, to sell, to work; this means where to be local." (Hillier 1993, 1996)*

Virtual communities can only become real, and be predictable, if spatial environments are intelligible. In large cities, where the global movements represent the major part of the movement, local quality, seen as local predictability, can only arise if the real global community behaves like the virtual local community. Then the overall resulting distribution of movement in the subarea can be understood by the members of the local community from the local point of view. In complex cities and societies, it is less important ‘where ones is or goes’ or even how dense movement is, but moreover following which patterns the densities of movement are distributed in the subarea. Then, no manifest contradiction remains where we should live, sell and work from the point of view of the subarea, compared to the place we should do that from the point of view of the city as a whole. This state of synergy, and the confirmation by the larger scale of the choices effect land uses and building density follow movement in the grid, both adapting to and multiplying its effects (Hillier 1996).

2.5. The Concept of Configuration

Hillier’s approach gives a main outcome in which the concept of 'configuration' has moved to centre stage. Configuration means “relations taking into account other relations” (Hillier 1996). The techniques of 'configurational analysis' - of which the various 'space syntax' techniques are exemplars - that have been built from this idea have made it possible to bring the elusive 'pattern aspect' of things in architecture and urban design into the light of day, and to give quantitative expression to the age old idea that it is 'how things are put together' that matters.

Urban configuration is a representation of the urban spatial reality given by a few categories of components and rules which tie each component to all others in such a way that a change in any one of these basic elements reflects on the entire system (Krafta 1997).

“Configuration” is a state description of urban systems and could either be taken statically as such to the extent that configurational descriptions are rather abstract – or dynamically, in this case representing a particular state of a process (Krafta 1997). A configurational description also gives the opportunity to measure particular quantitative properties of the system represented; connectivity indexes, asymmetries, spatial opportunities, are all measurable properties of a spatial configuration. Complexity can be thought of in the same terms, as being a particular property of spatial configuration, however it is important, first, to have a look at how spatial configurations have been described in different theoretic systems. Different systems' representation would prompt different definitions and domains for the measure of complexity.

Spatial configuration can ultimately affect complex social process through the influence it has on the pattern of movement in streets and the potential this has for generating economic activity. Much research has already demonstrated that the spatial configuration of streets plays an enormously influential role in determining differences in the concentration of movement (Hillier 1996, Penn, et al. 1998).

On the basis of the analysis of several naturally grown cities, Bill Hillier and others have argued that spatial configuration is the primary aspect of urban form which accounts for a preference for certain spaces over others as paths of through movement. This is opposed to existing urban theories which tend to explain the patterns of pedestrian and vehicular movement more in terms of flows to and from 'attractor' land uses (Hossain 1999).

Hillier argues that spatial configuration governs and generates movement, and therefore it governs use of space and the potential of encounter amongst people. The properties of a spatial system are depending on its configuration, which means that local physical changes in the spatial system will have more or less global configurational effects. Hence, remote local interventions may have unforeseen global effects, as well as global changes produce unforeseen effects at the local level. The relationship between the form of space and how people use it is analyzable, and to some extent predictable (Hillier 1996).

According to Hillier the use of space is determined by the ordering of space. The possibilities to experience other people in everyday life are determined by "*spatial configuration*". The measure of integration may be looked upon as an indicator of vividness, and previous research has shown that there is a positive correlation between high integration values and movement, which attract shops and services. (Hillier 1996, Klarqvist 1997) The value of mean integration is decreased by for example barriers or segregated enclaves in the urban fabric (Klarqvist 1997).

2.6. Post-modern Pathways to Urban Morphology

Foucault is an important philosopher and historian for researchers working in the built environment. Although in his earlier studies, he dealt with medical space, work springing from that of Heidegger on nearness of both time and place, but later he moved on with historical and political perspectives of the built environment more broadly, in particular institutions and their settings. He focused on the site of institutions and on the way buildings occupy sites. His emphasis is on knowledge as power, and he described “space of domination” (Foucault 1977): isomorphic forms that reflect institutional regime in the built fabric – for instance, the design of a prison that ensures isolation of prisoners. Bentham’s panopticon was the key example, seen as a place of power, where the act of partitioning becomes a suppression of place and time. Foucault saw himself as a scientist, examining evidence of built environments, in an empirical fashion.

Extending the conceptualization of the power of place as a tool of analysis, Foucault suggests:

> *“We might imagine a sort of systematic description – I do not say science because the term is too galvanized now – that would, in a given society, takes its object the study, analysis, description, and reading of these different spaces, of these places” (Foucault 1986)*

In that same paper, Foucault also suggested that “space itself has a history”. For urban morphology, both of these prepositions are perhaps exceptional, although by implication they do offer a challenge. They suggest that space has a morphogenesis and is not a fixed entity. Its very conception resides in the society in which it is located. It varies from society to society and from era to era. Thus space and place are ever-changing historical entities.

In this context, a Foucauldian urban morphology would emphasize systematic description and analysis of relationships between the social and physical aspects of spaces/places, over time, right down to the scale of the individual site, but inclusive of the broader social pattern. It would analyze their roots in social, cultural and institutional change and relate this to changing historical and physical circumstances. It would, in the same process, look for isomorphic patterns (or the lack of them) between built fabric, institutional regimes, owners and occupants. Arguably, much of urban morphology has for some time operated, at least in part, in this vein, as in Conzen’s work (Conzen 1978).

Rather, he concentrates on the interstices of built places and derives social and cultural content from them. This is also an important shift in thinking, as it legitimates small-scale studies, hitherto anathema to modernist urban theorists. It is also arguably crucial to urban morphology, as it suggests that the interstices of form, the places of a town, are as important as the built forms.

There is one other aspect of Foucault that warrants comment and specific discussion. He is myopic when it comes to the new world and the eastern hemisphere, not withstanding the catastrophe of French colonial experience, but the reality is that the entire world is a matter of urban morphology.

Lefebvre can be accepted as the most significant philosopher for urban morphology. He was a humanist, Marxist and existentialist, in the French tradition, but his major work, The Production of Space (1991) is dense with concepts and pointers relating to space, interaction with people, constructed environment and all aspects of social space created by people. While the writing style is mercurial, and full of ambiguity, it also provides rich rewards.

According to Lefebvre, modern epistemology conceptualizes space as social space, unrelated to Cartesian references. But space is made a fetish to the degree that the mental realm comes to envelope the social and the physical ones (Lefebvre 1991). Epistemological-philosophical thinking has failed to furnish a science of space, a knowledge of space. Semiology is incomplete, in being purely descriptive, he implies.
This is a crucial point for those interested in social and physical space. If Lefebvre is substantially correct, most of the debate about place arising from semiology and semiotics, characteristics of early post-modernism, is of little importance: this would include the work of Bataille, Benjamin, Derrida, Habermas, and even that of Heidegger. This is not to say that all of it should be ignored.

Lefebvre goes on to argue that, in the modern era, capital and capitalism directly influence practical matters relating to space: there is hegemony of one class, the "bourgeoisie". Space serves, and the hegemony makes use of it, with the help of knowledge and technical expertise. Power is exerted through space as much as through class.

Lefebvre argues that, what is needed is (by analogy with physics) a "unitary theory" of space that encompasses the physical (the Cosmos), the mental (logical and abstract), and the social (social practice, communication, speech). Clearly, such a theory is preferred over the pastiche encountered in post-modern architecture in particular (King 1996).

An inventory of spatial terms that describe space (for example, room, market-place, street, shopping centre, public space) may result in a spatial code, a system of space, exposing through the actual production of space the various kinds of space and the modalities of their genesis (Lefebvre 1991). The extent to which a space may be decoded relies on ability to read it.

A code language may be said to have existed, on a practical basis, with specific relationships between town, country, political territory, language, and so on, from the sixteenth century to the nineteenth century, founded on classical Euclidean space. Then, around 1910, "the space of common sense, of knowledge, of social practice, of political power, space enshrined in everyday discourse as in abstract thought, the channel for communications, of classical perspective geometry based on Euclid, bodied in, among other things, the form of the city and town" was destroyed. Euclidean and perspectivist spaces (town and history, for example) have disappeared as systems of reference. What he meant is that basic social and cultural values in Europe were destroyed, thereby destroying the validity of the Euclidean logic that went with them.

If Lefebvre is right, then parts of urban morphology are on slippery ground; there is the implication that, before 1910, one lexicon of spatial code may have applied, but in subsequent time another quite different lexicon would apply. This would certainly impede cross-period comparisons, the essence of morphogenesis.

Lefebvre asks, should there be an attempt to first describe the destruction of and then reconstruct such a meta code of space? If spatial codes existed, produced along with spaces corresponding to them, the task becomes the elucidation of their source, role and demise, stressing their dialectical character (but not destroy them) and perhaps the construction of new codes. This would encapsulate a shift from products to production, a major shift in thinking. So the Marxist concern with production is thereby extended to include the production of space.

However, morphological research tends to operate in the Euclidean materialist space; not cognizant of (or ignoring) social and mental space, and so perhaps misreading physical space. This raises a gamut of difficult issues: if space embodies social relationships, why and how does it do so? And what relationships are they? Is social space indistinguishable from mental space, and physical space? (Lefebvre 1991).

Part of the difficulty is that a rough coincidence is assumed between social, physical and mental space, while at the same time, in philosophy, things are no longer more real than thoughts. For Lefebvre, production processes and products present themselves as two inseparable aspects, not as two separable ideas.

It might also be interposed here that the Foucauldian agenda, of searching for refound cultural memories, presently locked in the institutions and morphology of the city, which may be seen in the work of Aldo Rossi and Peter Eisenmann, would seem relevant here. Both architects refer to the mental knowledge of the fabric of the city as making transparent the physical fabric, rather than the inverse. Interestingly, Conzen argues from a similar basis to Lefebvre's, referring to cultural-historical dimensions: "each society produces its own urban landscape, working into the detailed configuration almost every assumption, objective, skill, and preference of the society at large" (Conzen 1978).

These points lead Lefebvre to a series of propositions (linking social, mental and physical space): first, natural space is disappearing and so lost to thought; secondly, every society produces its own appropriate space; and thirdly, if space is a product, our knowledge of it must be expected to reproduce and expound and expand the process of production.

These three prepositions, in turn, produce three interconnected concepts. First, there is perceived spatial practice: the production of space characteristics of each social formation. Spatial practice is revealed through deciphering of its space. There is a close association between daily routines and urban reality. Spatial practice may be defined, for example, as the daily life of a tenant in a government-subsidized high-rise housing project. Secondly, there are conceived representations of space: knowledge of planners, urbanists, technocrats, and social engineers. All of these arguably identify what is lived with what is conceived, and can dominate space in society. Thirdly, there is lived representational space: associated images, symbolism, perhaps coded, perhaps linked to concealed social life. It overlays physical space, making symbolic use of objects.

It is arguable that these propositions are the essence of what urban morphology needs to focus on. Exactly how and why a society contrives to produce its space is the key issue. For example, representations of space require knowledge, understanding. They may be abstract, but play a part in social and political practice. Representational space, however, relies on imagery and symbolic content, from history and people.

Representations of space encapsulate knowledge and ideology, while representational spaces have their sources in social history. Thus there is a need to consider the history of representations of space and their specific role in the production of space. The history of towns reflects a changing spatial code that is still valued today as a means of understanding the code, of understanding its production. Not that exact correspondence to accepted periodizations necessarily applies (Mugavin 1999).

Thus, three points of departure can be suggested:

- the systematic description and analysis of city as place, revealing spatial practice, needs to highlight everyday social, cultural and institutional processes, so that product is understood through production,

- identification of isomorphic patterns between physical fabric and institutional regimes, owners and occupants, needs to rely on valid spatial codes that integrate physical, mental, and social concepts,

- representational space, lived space, discovered through history and built elements, is as important in urban morphology as representations of space: both need to be encompassed in order to understand the city.

This chapter presented the theoretical framework on which the research problem is constructed. Among various valuable works and contributions, these notable attempts within urban theory were outstanding. The formulation of urban questions in the social logic of space in terms of relationships and spatial configuration on the forces governing the city (Hillier 1996, Hillier and Hanson 1984), the revolutionary works of Christopher Alexander that tries to explain urban patterns, structure, network and form (Alexander 1964, 1965, 1998, Alexander, et al. 1977, Alexander, et al.1987), the human aspects of urban form (Rapoport 1977), the definition of post-modern pathways to urban morphology (Foucault 1977) and (Lefebvre 1991) for the production of space. These theoretical approaches define the framework of the research and provide the backbone for this thesis. The research will focus on the ideas, contributions and findings of these theoretical works

CHAPTER 3

FROM SMYRNA TO İZMİR

3.1. Definition of the problem

İzmir Historic City Centre has been chosen as the case study area for examining the methodological framework mentioned in the previous chapter. The case study is a basic contribution to space syntax, urban planning process that aims to enhance urban identity and create urban continuity in the historic city centre by means of urban morphological quantitative data.

In this chapter, firstly historical development of İzmir and its vicinity is explained and boundaries of the case study area are defined geographically. After that, the factors that have affected the urban layout are examined. Population, inhabitants and the occupation area of the city is defined. Finally, the urban division on ethnic base is explained.

3.2. Definition of Case Study Area and Its Boundaries

3.2.1. Boundaries of Case Study Area

Case study area is İzmir Historic City center, which is defined by Kadifekale-Değirmentepe axis at south, Punta at north, the coast line at west and Meles River at east. Area was the probable occupation area of the Roman Period. Even though the city has extended beyond these boundaries since the 19^{th} century, the area still keeps its importance as the core of the city.

3. 2. 2. Definition of the Time Period for the Case Study

The case study area is going to be examined in the Late Ottoman period which begins with the westernization movements in the mid 19th century. This time period is chosen because, in the second half of the 19th century İzmir had reached a peak point by means of commerce, culture and population. Capitulations and westernization gave their way to improvements in foreign trade and transportation investments such as the construction of the harbour, Aydın and Casaba railways accelerated the commercial activities. Many foreigners came to live and work in İzmir at that period, forming the multi ethnic character of the city. Case study time period starts at 1850's and ends at September 9th 1922, as the Turkish Army entered the city, or the fire of 1922 which destructed most of the parts of the city.

3.3. Historical Development of İzmir and Its Vicinity

Smyrna occupies a central place along all of the chief central roads of western Asia Minor, thus has been one of the most important western gates of Anatolia to Mediterranean World during its history. Archaeological evidence shows that İzmir has been inhabited for 5000 years. Historical development of İzmir can largely be defined in four periods. First period is the "Ancient Period" (3000-300 B.C), 2nd period, "Hellen, Roman and Byzantian Period" (300 B.C- 1081 A.C), 3rd Period; "Seljukid-Ottoman Period", and 4th period is the "Republican Period" (Aksoy 2002).

First settlements started around Tepekule, recently called as Bayraklı. According to E. Akurgal, archaeological findings at Tepekule site dates back to 3000 B.C. Those first settlements were related with the Central Anatolian Culture (Hittites). (Kuban 2001) Recent excavations carried out in Yeşilova Höyük in Bornova, point out city's past is further back then it was previously thought. According to the findings from prehistoric levels, area had been inhabited by indigenous peoples of Izmir, roughly, from 6500 B.C. (Yeşilova Höyük 2007).

Izmir had been captured by the Aiolic Colonies around the 11th B.C. and thus entered the Ancient Greek history. The city was surrounded by Aiolic region at north, Ionic region at south and Lydian region at east. Smyrnians used a language which was a mixture of Ionian and Aeolian Greek. In the 8th century B.C., İzmir was captured by an

Ionian city. The Colophonians seized the city with the help of Ephesus. Around 600 B.C. Lydians destroyed and emptied Smyrna, because of commercial and agricultural activities. Smyrnians running away from the invasion, established villages around Smyrna and they have started living in villages. (Aksoy 2002) It is said that; settlements, such as Buca, Bornova, Isıklar, Çigli, Pınarbası, Narlıköy and Naldöken around İzmir City Centre existed in that period (Cadoux 1938). Archaeological evidence shows that people had returned to Smyrna / Bayraklı since 580 B.C. (Kuban 2001).

Decline of ancient Smyrna is a result of Persian invasion of Anatolia. Persian emperor, demanded support of the coastal Aegean cities against the Lydian kingdom. Persians captured the Lydian capital Sardes, and afterwards they have destroyed all the coastal cities, such as Smyrna, which did not obey their request.

The city is reestablished at the outskirts of Mount Pagus (recently Kadifekale) around the 300 B.C. This re-foundation is often associated with a legend on dream of the Alexander the Great. According to the legend, Macedonian emperor Alexandros, after beating down the Persian army in Anatolia, came to region of Smyrna. Around Mount Pagus, he fell asleep. In his dream two nemeses told him to establish the new city of Smyrna, around the skirts of Mount Pagus.

Ancient writers' enhances the refoundation of city; *"An oracular utterance said by Pausanias (in the second century A.D.) to have given by Apollon at Klaros, when Smyrna was about to be refound by Alexander the Great (334.BC) on its present site, declared "thrice and four times happy will those men be, who are going to inhabit beyond (or possibly opposite to) sacred Meles"* (Cadoux 1938).

After re-foundation of Smyrna, Lysimakhos -one of the commander of Alexander the Great- built up city that embraced by the walls. He gave his daughter's name "Eurydikeia" to city (Cadoux 1938). At that period, Smyrna had a free-statute as a polis. During the ages of Seleukos and the Kingdom of Pergamon, the free-statute of city had continued (Kuban 2001).

The Roman Republican Period in Smyrna began in 133 B.C. Our knowledge about this period mostly relies on Ancient Anatolian writers such as, Strabo, Aristides and Pausanias. According to Strabo's writings, in the 1st century B.C. smaller part of the city is settled around the old Acropolis (Mount Pagus), where as the real occupation area was concentrated around the ancient inner harbour (Kuban 2001). The city was advanced in providing food and clothes, and in ship-building for the Roman Armies at that time (Atay 1978). During Roman Republican Period city enjoyed a golden period for the second time. Various works of architecture are thought to have been built in the city during the period; and streets have been paved with stone. There are many utterances in ancient times that described Smyrna's beauty during this period, one of which was written by Strabo the geographer. Writing which was about 6.B.C, says of it *"...And now is the most beautiful of all the cities".* (Cadoux 1938) *"...Aristeides several times sketches the general life and harmonious unity of the city, the low-lying shore, the slope, the Acropolis, etc., and extols the profusion and splendour of its buildings - gymnasium, city-squares, theatres, walls, harbours, enormous baths, several fine racecourses, innumerable fountains , sunlit streets"* (Cadoux 1938). The population of the city was about 100.000 around the 1st century B.C., and the territories reached that of Klazomenai on the west, that of Colophon on the south, that of Sardeis on the east, and that of Temnos on the north (Cadoux 1938).

After the Roman Empires' fall and division into two entities, Smyrna became the territory of the Eastern Roman Empire. Our knowledge related to Smyrna's history in Byzantine Period is limited. However the city preserved its status as a notable religious center in the early times of the Byzantine Empire. In the 8th century A.D., defense / fortification might be a priority for city like other Anatolian Cities. Smyrna had an important role in Christian World by becoming one of the metropolitan centres in 692 (Kuban 2001). City was naval base of Byzantine Empire. Although, commercial activities in city increased between 9th and 10th centuries, occupation area of Roman period in city walls had not still filled by Byzantine occupation area (Kuban 2001).

Smyrna was captured by the Seljuk commander Çaka Bey, in 1076, and became the central city of the first Turkish Principality founded at West Anatolian coasts. The city was recaptured by the Byzantines after the death of Çaka Bey, turning it into a Venetian and Genovese colony. The Genovese earned the right to reside and trade in İzmir upon the treaties signed in 1261 and 1304, whereas the Venetians gained the priority to make up a district in line with the treaty of 1265. İzmir gained its dual structural character during this period, as Upper İzmir and Lower İzmir. Latin's occupied the harbour district and the Turks took shelter in Kadifekale Citadel. Unlike other cities, from the day it was founded until the 14th century, the city of İzmir continuously relocated its urban centre from Smyrna to Kadifekale and Inner Port. On the other hand, the city kept its double-centred urban characteristic of its own until the residents abandoned Kadifekale Citadel and the neighborhood settled at the inner city during the second half of the 17th century (Kuban 2001).

İzmir and surroundings had been inherited by the Ottomans in 1420's. Along with the acquisition of Chios Island (1566) and of Cyprus (1571), İzmir harbour started to develop as a foreign trade harbour, and helped the city to become integrated with the world economy and caused its population to rise. The secure environment under the Ottoman domain enhanced the commercial activities in the city. Kuban point out that, Izmir became the most important commercial centre of Ottomans in Mediterranean. According to Braudel, İzmir was an important commercial centre with its strong link with land in 1550 in Mediterranean (Kuban 2001).

Figure 3.1. Map of İzmir by Piri Reis, 1520
(Source: Beyru 2000)

By the 17th century İzmir started to gain importance as a commercial centre. In order to control the trade flow, a customs building and a bedesten were built. Evliya Çelebi has made detailed descriptions about İzmir during the second half of the 17th century:

> *"Two- thousand houses in this city cling to the slopes below the castle (Kadifekale). They are situated among the airy gardens of various palaces and mosques. Most of the public buildings, however, are located below, along the seashore. According to the register that İsmail Pasha made of İzmir in 1657-58, this city had ten Muslim districts (mahalles), ten Greek Orthodox, ten Frank and Jewish, two Armenian and one Gypsy. Within these mahalles are 10,300 glorious stone buildings, and countless magnificent houses, decked out with red-tiled roofs and sumptuous tulip beds. It is a fabulously rich port city, with shops and solid stone houses, boasting every type of mosque, religious school, dervish lodge, and spritual folk. And within it are forty coffee houses, seventy shop factories, two-hundred taverns, twenty boza halls, twenty dyehouses, one harness shop, one candle factory, and one customs shed. But there is no bedestan"* (Eldem, et al. 1999).

An English consul, Paul Rycaut describes the ethnic quarters of the city in the 17th century as such; *"away from the water front, the centre of the town was occupied by the foreign communities other than the Franks. ....The Turks lived furthest from the sea, on the lower slopes of Mount Pagos..."* (Anderson 1989). According to Rycaut the population of the city at 1667 can be estimated around 80.000. Pococke was another traveller made descriptions about the city. According to Pococke, (Kuban 2001) Izmir, with a population of 100.000 at the end of 18th century had a triangular layout that is 1 km in west-east and 3 km through the coastline. However, occupation area of Roman Period had not still filled by new developments. (Kuban 2001)

The commercial capacity of İzmir increased in the 19th century, and the city became the province center of the region, in 1851. Kiray pointed out this date as the starting of westernization that caused both development and destruction. (Kiray 1972)
Several factors affected İzmir to develop as an important harbour in the Mediterranean, most of which were projects that changed the modes of transportation. Construction of

new railroads such as, İzmir – Manisa, and İzmir – Aydın railroads connected the city to its hinterland. In 1868, a treaty signed with an English firm on filling of sea and construction of new harbour was opened in 1875. Another important work that enhanced the commercial activities was the change of the bed of Gediz River to avoid closing of İzmir Gulf by alluvial. Also, a horse-tramway road had been constructed to link Göztepe and Hamidiye (Güzelyalı) to Centre (Kuban 2001). While, new harbour increased the commercial activities in İzmir, suburban developments had been seen around İzmir by means of railroad, and tramway connections at the last decade of 19th century. As Macfarlane says, ”*Smyrna (izmir), as is sufficiently well-known, has been for several centuries the most important scale, or place of trade, in the Levant.”* (Eldem, et al. 1999)

Figure 3.2. Engraving by Tournefort, 1718, inner bay engraved to the right
(Source: Beyru 2000)

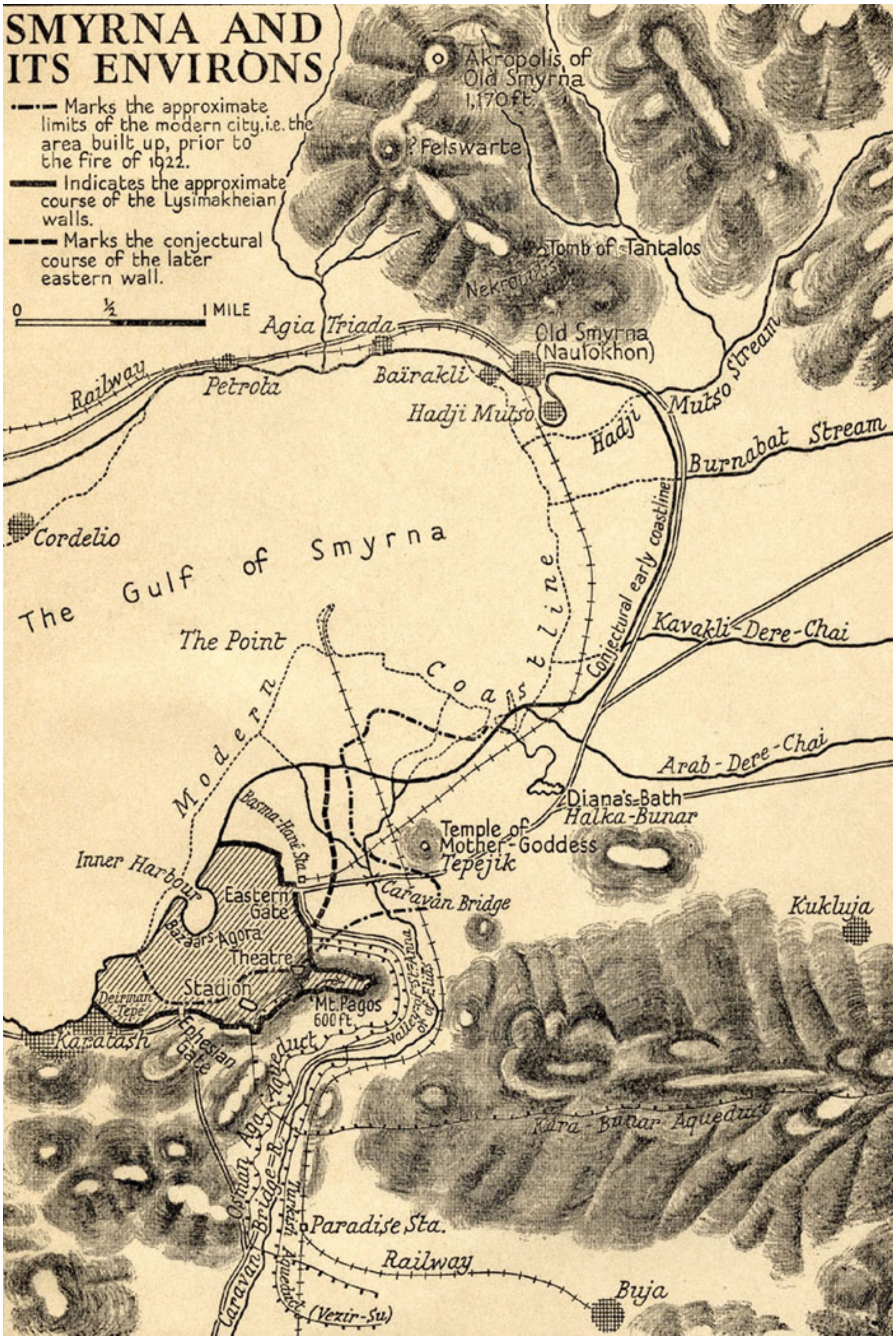


Figure 3.3. Map showing the city and its environments.

(Source: Levantine Heritage 2007)

Commercial activities with the European countries were reduced as the World War I began. In May 15th 1919, the Greek army occupied İzmir. In Sep 9th 1922, Turkish Army retook possession of the city. The fire which broke out in the 13th of September has been one of the greatest disasters of city's history. Fire destroyed about 2.600.000 square meters of land, along with 20- 25000 buildings. Armenian district was completely burned, a considerable part of Greek and Levantine districts were destroyed. Excluding the Turkish quarter which was not affected from the fire, three fourth of the city was completely burned. (Atay 1978)

In Early Republican Period, the rehabilitation and reconstruction of the city appeared as the most important issue. In 1924, Rene and Raymond Danger Brothers prepared a development plan that included monumental boulevards and squares. Plan consisted of various symmetrical boulevards inspected by squares, which was designed in geometrical forms. It proposed a new pattern between the old city and Punta, and to move harbour from Pasaport to Alsancak. The plan had undergone some modifications by the city council, though the main character of Alsancak was shaped by this plan (Kuban 2001).

Kuban (2001) said that İzmir had not extended so much in ten years since 1923. There were non-occupied areas in the northern hill of Kadifekale and the hills of Göztepe. Tepecik was not settled until the Second World War. When, industrial activities appeared at the end of the Gulf of İzmir and railroads nationalized, commercial and industrial activities had got speed. Warehouses in the centre moved through to back sides of harbour. Historic City Centre conserved its residential and commercial units. At the end of the first half of the 20th century, the spread of İzmir in southern, northern and western axes could be observed easily.

Taner (Belge 2005) summarized the period between 1950 and 1970; by means of agricultural mechanization, a migration from rural sides to urban areas began. Izmir has effected this migration like other cities that had economic opportunities in 1950s. As a result of this trend, squatter housing became an important urban problem in İzmir. Planning works concentrate on this topic. Squatter houses especially concentrated at the northern hilltop of Kadifekale, firstly. Moreover, between 1950 and 1970, İzmir had a new urban characteristic by industrialization. In historic city centre, wholesale commercial activities settled around traditional centre and create specialized streets. Furthermore, a transformation from 2-3 storey buildings to 8-10 storey buildings had seen in Alsancak, as a result of increasing in land prices and rental pressure. Planning works tried to control aforementioned developments of İzmir Metropolitan Area between 1950 and 1970.

At the end of the period, the most important factor that affecting the following periods was defined as the 1973 Master Plan of İzmir that determining the development tendencies around the Gulf of İzmir as along the axes of north-south and east-west. In 1980s, İzmir experienced urban sprawl in all directions. (Chamber of Architects 2004) During this period, dual character –traditional centre in Kemeraltı and modern centre around Alsancak of İzmir Historic City Centre enhanced. As a result, physically and economically depression areas had been seen in traditional centre and residential areas around Agora.

Until now, the socio-economic and historical developments of İzmir were summarized. The case study especially deals with the period that has started with the westernization movements of the Ottoman Empire, the second half of the 19th century.

3.4. General Layout of the City

3.4.1. Factors that Shaped the Urban Layout in the Second Half of the 19th Century

İzmir witnessed great and fundamental changes in the second half of the 19th century. These changes especially affected the functioning of commerce, transportation, public works, industry, agriculture, mining and population thus shaping the urban layout.

Free trading agreements were one of the most important factors that have affected the city. Free trading at the beginning of the 19th century by European merchants was limited by the monopoly restrictions of the Ottoman State under the "yed-i vahid" principles. For many years the policy of the State was to prohibit the export of grain, subject to official concessions. The main items of trade which were covered by "yed-i vahid" were olive oil, opium, acorn and silk. 1838 Convention of Trade and Navigation between was a turning point in trading practice. Until this agreement, foreign merchants were not allowed to trade directly within the territories of the Ottoman Empire. They made trade with the help of Greeks and Armenians holding

Ottoman citizenship, who collected the agricultural products from rural areas and helped to sell the finished goods there. This prohibition called "yed-i vahid" was lifted by the agreement of 1838. After upon mentioned agreement, firstly English, and later other European merchants entered the local markets directly without Ottoman citizens as intermediaries. The monopoly applied by the Ottoman State was to be lifted, foreign merchants would not be required to be subject to concessions in operations between Ottoman harbours, they are to become equal with Ottoman merchants, several local taxes are to be removed, instead a duty of 5% importation and 12% in exportation was to be introduced and foreign merchants and their goods would be able to move freely in Ottoman territories for trading purposes. The vast concessions extended to foreigners were a very important factor in the decline of the Ottoman Empire. (Kültür Bakanlığı 2005)

Construction of the railways was another factor that has shaped the city. Railway stations both changed the entrances of the city, and eased the transportation of commercial goods, from suburbs and cities such as Manisa and Aydın. The main objective for constructing those railways was to convey the products from Aegean Region to Izmir port, and export them to European countries. Developing commercial activities and increasing export rate necessitated new transportation methods. The merchants, corporations of İzmir started searching new and easy methods to transfer the goods and ship them. England, which had an enormous export rate in İzmir, developed a project. (Şenocak 2003) The contract for the construction of the İzmir-Aydın railway was given to an English company in 1856. Construction started in 1857 and had reached Aydın in 1866. Similarly the construction of the İzmir-Turgutlu line was agreed upon with the English in 1863. This railway reached Manisa in 1865 and Turgutlu in 1866, and was later extended to Alaşehir in 1875 and to Afyon in 1897.

While the construction of railways was being carried on in the Aegean Region the requirement of a modem harbour and pier in İzmir became pressing. The idea of building a new harbour already existed by 1860's. In 1867 an earthquake which destroyed the existing ancient habour made it inevitable to build the new one. (Atay 1978) The contract for building the harbour of İzmir was given to three English contractors; this was later transferred to the M. M. Dussaud Brothers from Marseille. This project was completed around the end of 1874. The additional piers and wave breakers were completed in 1880 and became famous among the people as "Kordon". Scale and modernity of the entire project put Izmir among the foremost city ports not only in the Near East but in the Mediterranean as a whole. It was a fitting distinction for a city that had dominated the external and internal trade of the Ottoman Empire since the middle of the eighteenth century. (Fangakis 2001) Whilst the key to the economic importance of Izmir was the level and extent of its commercial and shipping activities, in the process it came to acquire an infrastructure which was commensurate with, and facilitated further, such economic success. As one of the great ports of the Middle East in the nineteenth century, its infrastructure both contributed to and came to symbolize that success. In social terms the on-going commercial success of the city and its accumulating profits resulted in the emergence of a bourgeoisie whose level of investment and tastes, as consuming elite, greatly affected the sophistication of the infrastructure and the material life of the city. (Fangakis 2001)

3.4.2. Population and Inhabitants of the City

19th century İzmir was a cosmopolitan city, both for its population and for its composition. The diversity in İzmir's population had several causes. It was principally because of the commercial economy which started to develop by the end of the 17th century. The population reached to a peak by the second half of the 19th century. Advances in economical power compared with the cities of the Ottoman Empire, attracted a number of immigrants both in and out of Anatolia, to work and dwell in İzmir. In the 19th century, Izmir with its growing population became an important economic centre, which stood in direct contact with the main European cities. Especially, in the second half of the second century, an increase in the population can be observed due to the fact that İzmir had been connected to the world trade routes. Slaar says that the population of İzmir increased notably between 1840 to 1868 and lists the causes as such: İzmir being connected to Europe and other eastern port cities by means of sea transport, advances in commerce, awareness and increase in education, peaceful environment, flow of European capital, construction of railways and etc.

Like any other city of the Ottoman Empire; Greeks, Armenians, Jews constituted the largest and the most important non-muslim societies of Izmir at this period. Apart from these groups İzmir also sheltered a population of Levantines, who were western foreigners came to dwell in İzmir especially for trading purposes.

The majority of Rums holded Ottoman citizenship, however there were a considerable number who were Greek citizens. Like wise, the majority of Armenians and Jewish people were Ottoman citizens. Nevertheless, among all these three groups of minorities, but more often among the Rums and Armenians, there also were those who have become western citizens, or at least under their auspices as referring to states like English, French, Austrian etc., to obtain commercial benefit. Western foreigners are people who have been living in İzmir for a long time and are engaged mostly in trade activities. As result of marriages with members of the Christian families, particularly with Rums, this group has in time constituted another group called the Levantines, a uniquely distinctive community on their own. (Beyru 1992) Of these ethnic groups, except from their religion were considered as more close to each other and to Turks by means of their way of living.

In the 19th century, İzmir was visited by a number of travelers, due to the commercial and cultural development of the city. We obtain information on social and physical pattern of the city from these travelers' books. One of these travelers is Rolleston, who visited the city in 1856. According to Rolleston:

> "*The population of Smyrna may be estimated as amounting to 150.000 souls. Such was the result to by the last census, which was taken in 1849, and no material change either for increase of decrease has since been affected in the whole mass of the population. Nearly 100.000of the inhabitants, i.e. two- thirds, are either Greeks or Turks, whose numbers were till lately all but equal, though now the numerical superiority is with the Greeks. The rest of the population is made up by Armenians, Jews, Roman Catholics generally of European extraction and European settlers*." (Rolleston 1856).

Warner who visited İzmir in 1875, writes about the population of İzmir: *"Of its two hundred thousand and more inhabitants, about ninety thousand are Rayah Greeks, and about eighty thousand are Turks. There is a changing population of perhaps a thousand Europeans, there are large bodies of Jews, and Armenians, and it was recently estimated to have as many as fifteen thousand Levantines."* (Warner 1907)

Table 3.1. Population and inhabitants of Izmir between 1850 – 1902

(Source: Beyru 2000)

YEAR	WRITER/ TRAVELLER	TURKISH	GREEK	ARMENIAN	JEWISH	LEVANTINE/ FOREIGNER	TOTAL POP.
1850	Illust.Londn News	85000	60000	10000	20000	5000	180000
1851	Brewer	50000	-	-	10-15000	5000	120-150000
1853	Storari	40000	90000	-	20000	-	150000
1854	Guinaumont	80000	-	-	-	12000	150000
1854	Shepherd	42000	46500	7000	14000	14287	123787
1856	Rolleston	45000	50000	10000	17000	10000	132000
1857	Petermann	45000	55000	5000	13000	12000	130000
1860	Impartial	58000	48000	6000	8000	10000	130000
1860	Blunt	41000	75000	6000	12000	22700	156700
1861	Bargigli	60000	40000	1000	5000	5000	120000
1860	Dr. Moritz, Bush Rod's Illussttrirte Reise Bibliothek	60000	50000	10000	14000	6000	140000
1861	L'Impartial	42000	28000	7000	14000	28287	123000
1868	Slaars	40000	75000	12000	40000	20000	187000
1870	Cumberbath	43000	56000	8000	20000	37000	160000
1872	De Scherzer	45000	75000	6000	15000	14000	155000
1875	C.Dudley Warner	80000	90000	-	-	-	200000
1878	John Murray	80000	90000	10000	12000	16000	20800
1884	Elisée Reclus	40000	90000 ot. 30000 gr.	9000	15000	8000	192000
1885	D. Georgiadés	50000	100000	7000	15000	15000	187000
1886	A.Chavet	-	80000	-	10000	20000	220000
1889	Aydın Salnamesi	79288	53086	6810	14909	53455	207578
1890	Holen (Eng. Cons.)	52000	62000 ot. 45000 gr.	12000	23000	16850	210850
1894	Vital Cuinet	96250	57000	7628	16450	56287	229615
1895	Henry Avelot	89000	52000	12000	16000	37000	200000
1900	Paul Lindau	89000	52000ot. 25000 gr.	5600	16000	-	-
1902	Paul Lindenberg	52000	108000	-	-	-	20000+

Although there are differences between the projections of several travelers they still give a general idea for the population and distribution pattern of the inhabitants of the city. The differences in projections mainly occur in numbers regarding Turkish and Greek societies. Projections made for the population of Jewish society is far more similar. The observation of the table shows a range of 14.000-16.000 for the Jews. Armenian population shows a range between 5.000- 12.000. Table 3.1. shows the changes in the population of the city according to different travelers, form 1850's till the end of the century.

3.4.3. The Occupation Area of the City

The occupation area of the city can be examined through several maps drawn in the 19th century. The expansion of the city is highly affected from the construction of the new harbour and Aydın and Casaba railways. Figure 3.3. shows an admiral chart done in 1834 by Captain Richard Copeland. The new harbour and the railways are not constructed yet. Caravan Bridge is pointed out as the main entrance of the city. Customs house and the buildings of the English consuls can be observed by the seaside. Figure 3.5. is an updating of the chart which was done in 1837, dated 1859-60 . It's done by Captain T. Scott. Aydin railway station can be observed taking place at the northern extension of the city.

Figure 3.6, Georgiades' map (1885) clearly shows the occupation area of the city in the second half of the 19th century. İzmir- Aydın and the Casaba railways are constructed, and the new port took its place. The map clearly points out the consulate buildings, and ethnic districts. Northern expansion of the city with regard to the harbour is visible.

These maps indicated the northern expansion and the new development pattern around Alsancak and Punta in the end of the 19th century. A southern development had also started around Karatas and Göztepe in the beginning of the 20th century, which is not included in this thesis' case study area.

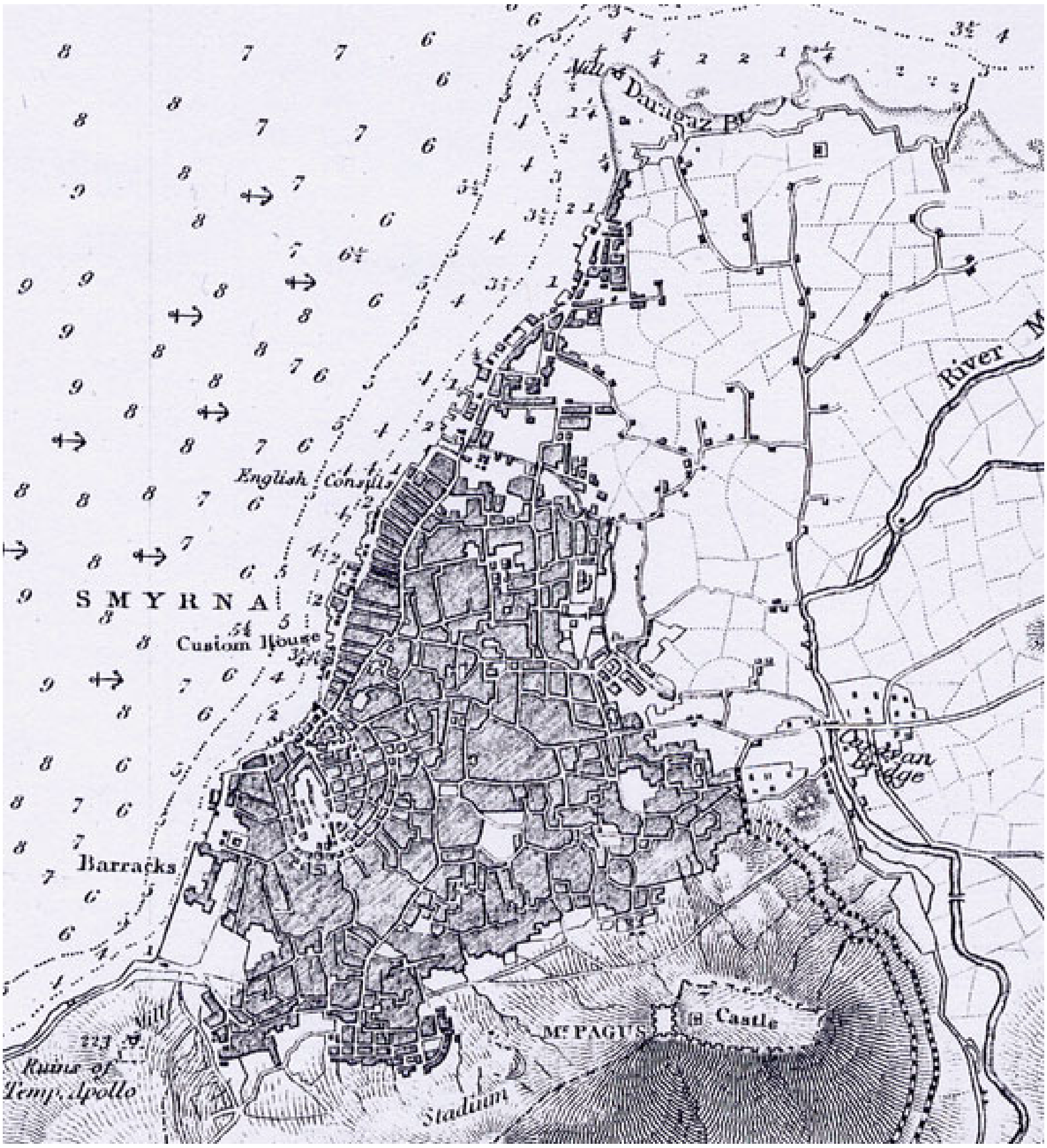


Figure 3.4. An admiraly chart done in 1834 –shelfmark maps

(Source: Levantine Heritage 2007)

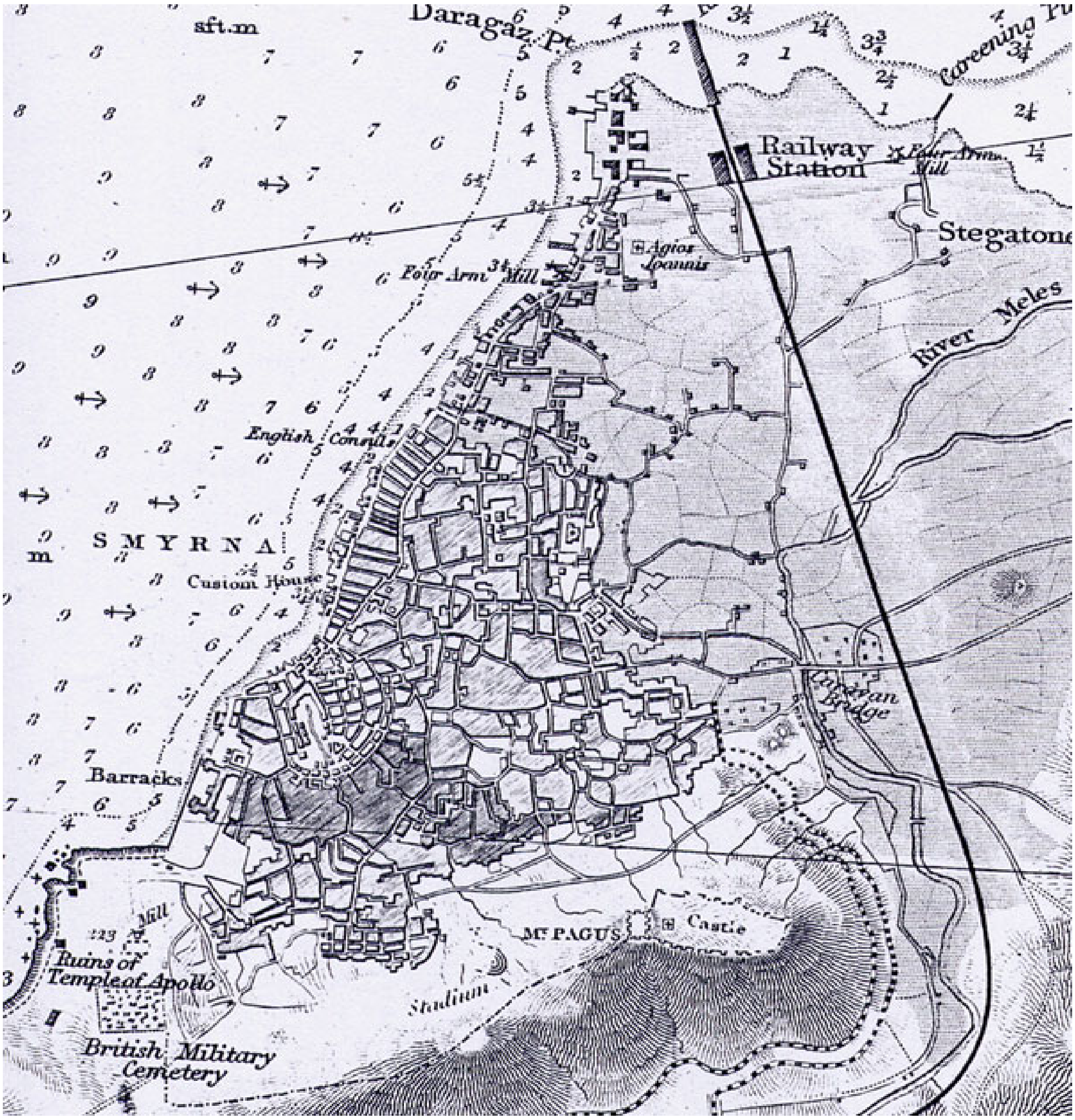


Figure 3.5. An admiraly chart done in 1859-60 –shelfmark maps
(Source: Levantine Heritage 2007)

Figure 3.6. 19th century İzmir and new harbour (Georgiades 1885)

(Source : Beyru 2000)

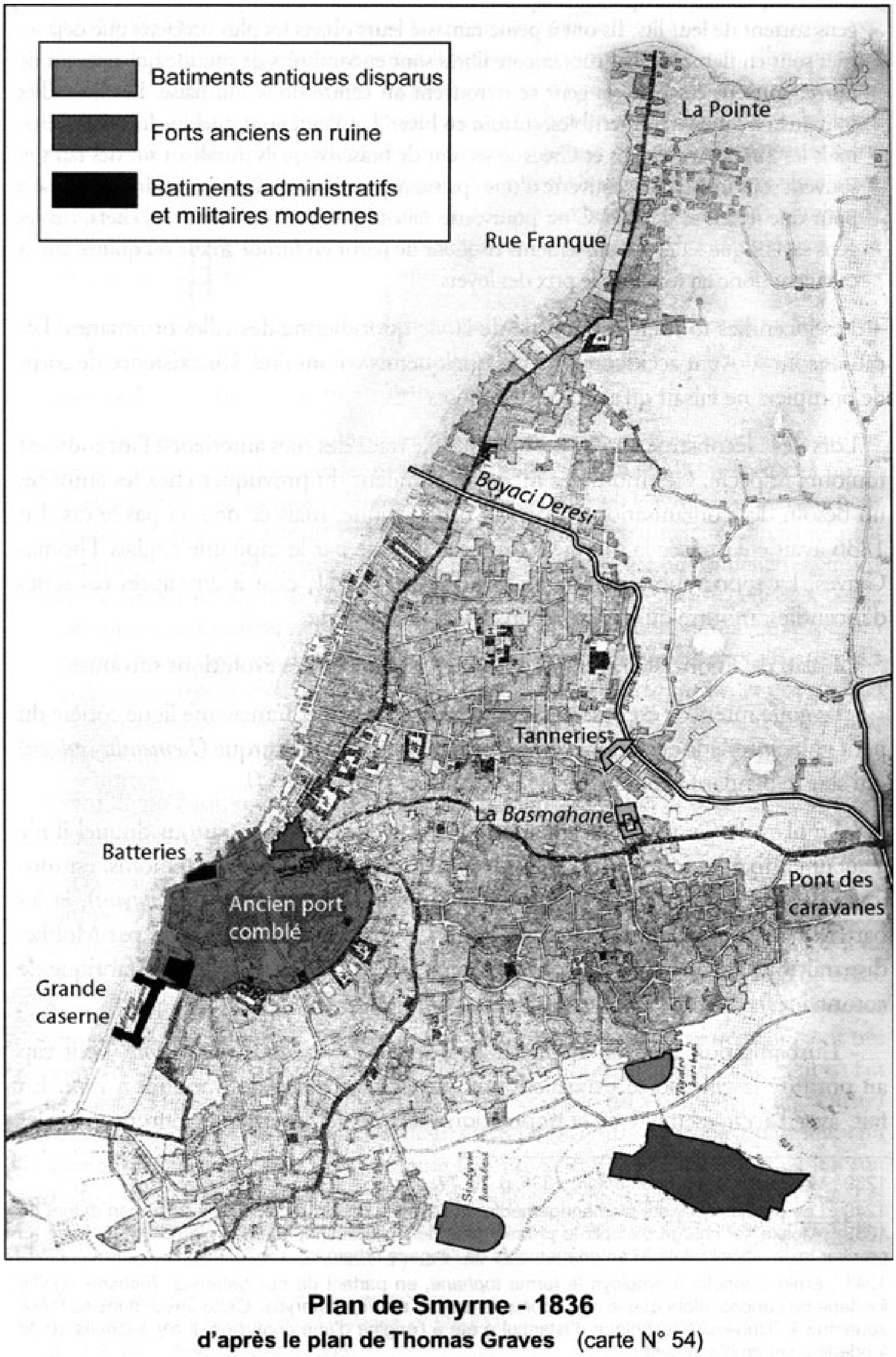


Figure 3.7. Map of İzmir, showing important connection routes of the city. Turkish Quarter-Center, Pont des Caravanes, Basmahane-Center, La Pointe-Center (Source : Beyru 2000)

3.4.4. Entrances of the City

19th century İzmir saw the emergence of new transportation modes. The new harbour and the railway stations shaped the entrances of the city. Caravan- Bridge has conserved its importance as the east entrance of the city, whereas the northern entrance was occupied by Alsancak Station. Alsancak and Basmane stations became the entrance for both passengers and inputs from city's hinterland. The new harbour shaped the entrance of the commercial goods by the sea.

3.5. Urban Division

Izmir, with its growing population became an important economic centre in the 19th century, which stood in direct contact with the main European cities. The 1838 Trade Treaty that enabled free competition of British merchants in Ottoman territories and the 1839 Tanzimat reforms had been instrumental in this respect. The period starting with the Tanzimat reforms was the period when westernization in Anatolia reached its peak and during this period considerable changes in every aspect of life took place. Izmir had its own share of this development. Social and commercial activities played a part in the development of the city and this resulted in changes of the city's silhouette and landscape. The city had become a cosmopolitan settlement and its function as a bridge between Europe and the East helped it to become the largest city in Anatolia. The city was no longer made up of the outskirts of Pagos (Kadifekale) and of Kemeralti and its surroundings; it had expanded to the north and south. New privileges given by Ottoman authorities to the Levantine communities -for instance the right to buy and own land and buildings- led to increased investments. Priority was given to the purchasing of land and/or to the building of institutions and their management, which would serve as the infrastructure of the city (Ersoy 2002)

3.5.1. Residential Districts

As mentioned above Izmir sheltered a number of communities, apart from the Turkish society. These ethnic groups, worked in various professions, and according to their living standards and customs they preferred to settle in different locations of the city. Each group constructed their houses, religious buildings, schools according to their needs. Various architectural styles in different ethnic districts could be observed within the city. Therefore the ethical differences in İzmir were accepted as crucial factors on urban division.

Communities that constituted the city's inhabitants lived in different quarters within the city. There were five districts, shaped on ethnic base: Turkish, Greek, Armenian, Jewish and Frank Quarters. (Şenocak 2003) On a report written in 1858, Rolleston describes the nation based urban division:

> *"The different nations have different quarters of the town allotted to them; there is a Turk, an Armenian, a Greek, a Jewish, and a European quarter. On a bird's-eye view, these quarters map themselves out unmistakably to the spectator. The Turkish quarter is recognizable by the uniform dinginess of its roofs, which contrast by their dull ensemble with the tall white and elegant minaret which rises out so frequently from the midst of their sombre mass side by side with the tapering cypress; the Armenian quarter contrasts with the other quarters surrounding it by the whiteness of its walls and houses; and the Frank quarter is unmistakably pointed out by the numerous flagstaff's of its several consulates. The Turkish quarter begins at the south-eastern extremity of the town, and stretches along the bank of hills forming its south-eastern boundary. The Turks have built their houses tier after tier up the hill side, until in some places they seem to be placed as it were on shelves ranged along the face of a perpendicular embankment. They seem to have tacitly recognized by their choice of locality their unfitness for maritime pursuits; they have clung to the hill side, and relinquished the water edge to more energetic and enterprising races" (*Rolleston 1856)

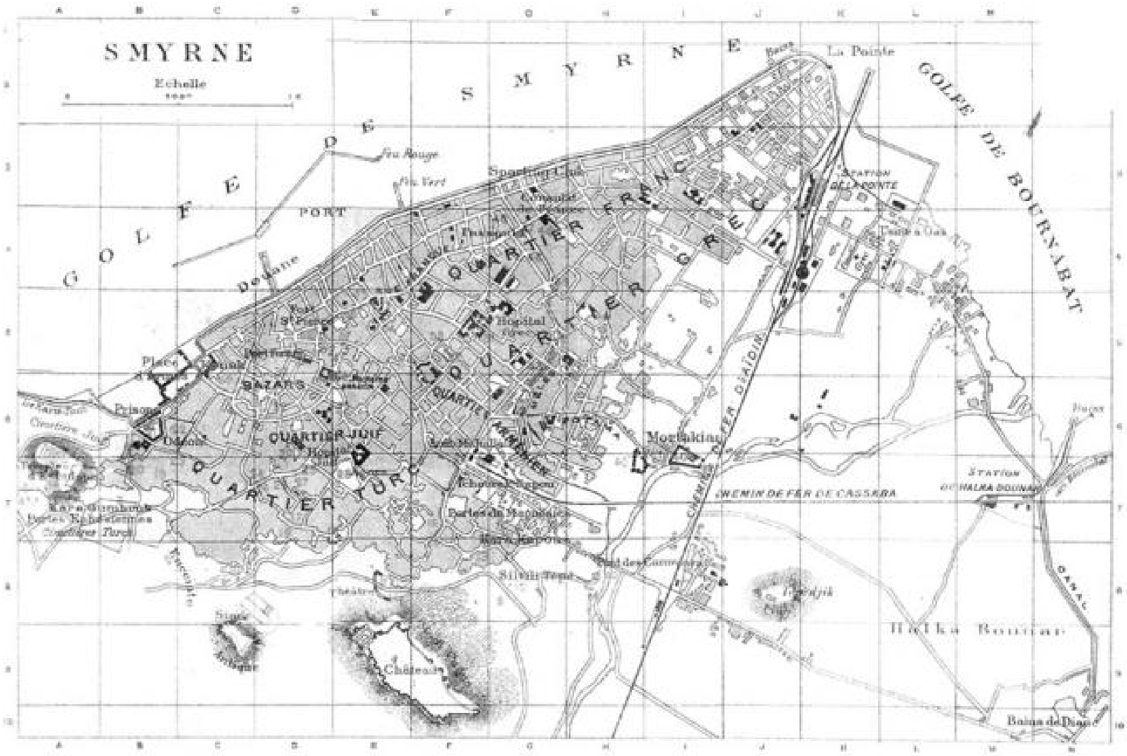


Figure 3.8. Map of İzmir in 1907, by Fontrier. Showing residential quarters (Turkish, Jewish, Armenian, Frank and Greek), commercial centers and transportation mediums.
(Source: Levantine Heritage 2007)

3.5.1.1. Turkish District

Muslim quarters were situated around the ancient remains at the northern side of Kadifekale. Middle income Muslim groups were settled in Tilkilik at Namazgah, while lower income groups that were especially migrated to İzmir, settled around Esrefpasa. Karantina which is close to Jewish quarters emerged as another settlement area, especially for higher income Muslims. (Kiray 1998) “*The streets in this quarter are narrow, overhang by projected windows and converging roofs, they often have an open gutter running down their center, and a raised causeway on either side paved in the same way as the street itself.” (*Rolleston 1856)

3.5.1.2. Armenian District

In the beginning of the 19^{th} century, Armenians lived in a quarter of the town to the north-east of the Franks, and between Greeks and Turks. This district was ruined by a fire in 1842, and the new settlement took place in Basmahane and near surroundings. This new settlement of the Armenian quarter was the first organized urban planning activity apart form the economical profit based planning near Punta.

Ottoman government commissioned new a plan for the Armenian quarter which was totally destroyed by the fire. Traditional layout of the quarter, which is organized around cul de sacs, can be observed in the 1836-37 Thomas Graves map. The quarter was rebuilt in a short time, according to the new plan which be observed in the Storari map. The new organization consists of a grid plan scheme, with rectangle shaped, equally sized building blocks. Streets which intersect at right angles were connected to the city's existing street network. Haliliye and Reşidiye Streets, which border the quarter and connects the İstanbul road to the center, were re-organized as imporant boulevards of the city (Bilsel 2000).

3.5.1.3. Greek District

Greeks were the second dense population in İzmir, and Greek quarter occupied a large area within the city. *"The Greek quarter lies between the Armenian quarter, towards the land, and the Frank Street, and its northward continuation, looking seawards. The pavement in the Greek, as in the other quarters, differs from that in the Turkish, by possessing no causeway; as in the Turkish quarter, stones of all sizes are placed promiscuously in all parts of the roadway, but no attempt is made at any distinction in the Greek quarter between the middle and the sides of the street"* In addition *"The appearance of the whole quarter speaks of a general well-being and comfort amongst the restless stirring population it contains.." (*Rolleston 1856)

3.5.1.4. Jewish District

The Jewish quarter interdigitates with the Turkish, Greek and Armenian districts. The quarter is bounded by Greek quarter at west, and the Turkish quarter at east. Also the southern expansion of the quarter stretches up to the hillside, which is surrounded by the Turkish quarter.(Rolleston 1856) Jewish society was near to the Muslim Quarter, around Kemeralti and İkiçeşmelik. Those parts of the city were occupied by the more traditionalist group of Jews. Where as more educated and higher income groups started to settle in Karantina and Karataş area (Kiray 2004).

3.5.1.5. European (Frank) District

Frank district which was named as "Petit Paris" is situated, by the sea, along the Frank Street. *"...parallel to this portion of the water edge, and about 200 yards from that line, runs the Frank Street; the street containing most of the shops, and, as its name would apply, most of the dwelling houses of the Europeans. This street with the space between itself and the sea constitutes the Frank quarter." (*Rolleston 1856)

Levantines were settled in Punta along the coastline. Kuban mentions the houses of the Levantines which were maximum 3 storeys. Alsancak was shaped by the cultural and social activities of the non-muslim societies. In Alsancak, near the Punta, there were consulships. At the backside of harbour, the warehouses had been settled (Kuban 2001).

According to D. Goffman, in the 1620's, Christians had isolated themselves from the local population and they were not willing to contribute to the defense and embellishment of the city. However, in the 19^{th} century this reluctantness had completely vanished and Levantine investments resulted in beautiful buildings with the best infrastructure. An important milestone was reached with the reconstruction of the harbour waterfront by the French Gifre Company in 1867. This waterfront was, and still is, known as the 'Kordon'. The Kordon area eventually became the centre of Levantine socio-cultural activities. Cafes, clubs, cinemas, theatres, hotels and consulates in this area gave shape to the Levantine landscape, which was completed with horse-drawn tram ways (Ersoy 2002).

3.5.2. Commercial and Administrative Centers

Apart from these above described residential districts, Smyrna had commercial districts, traditional Kemeralti district and newly developed Frank Street region. After the new harbour and the quay had been constructed by English and French companies, Kordon road opened the filling are of sea. Kuban (Kuban 2001) said that, after the filling of harbour, the Frank Street that was at the coastline in 1824-28, got 100-200m far away from the sea. Construction of the quay, and area occurred by the filling resulted in transformation of the coastal areas. The new filing areas started to develop as the commercial centre of İzmir. Levant merchants and their mediators, Jews, Greek and Armenians began to vacate their work places in Kemeralti and transferred to Kordon area. The congregation-based spatial organization of the districts was replaced by these new prestigious neighborhoods determined by the newly emerging bourgeoisie. In accordance with the demands of the new bourgeoisie concentrated at coastal areas, modern public spaces like clubs, theaters and movies all of which shaped the social and cultural life in the city started to be built. Having been completed in 1876, the Kordon road was transformed into the most important prestigious and conspicuous public space created in the city with contributions particularly of the non-Muslim communities emerged (Chamber of Architects 2004).

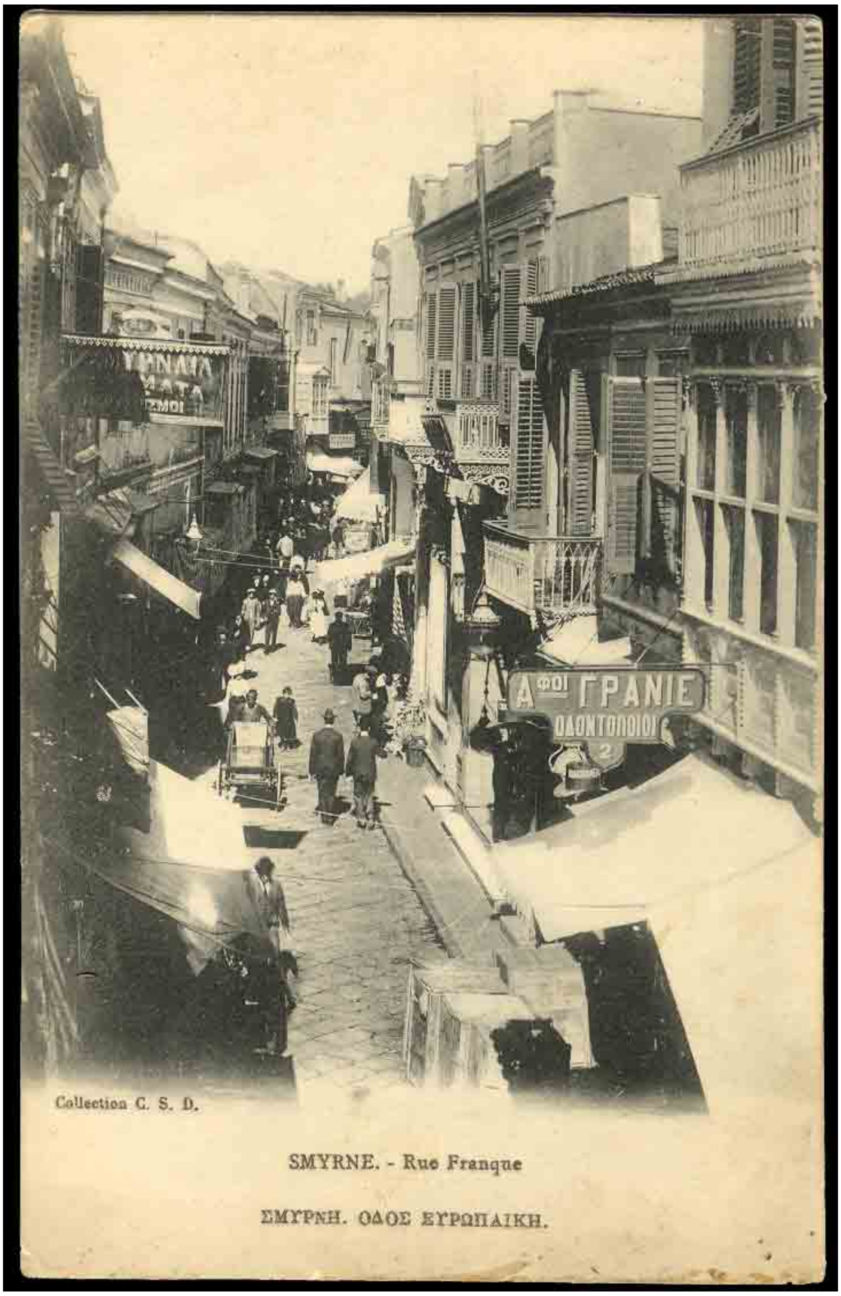


Figure 3.9. Frank Street, housing most of the shops and dwellings

(Source: Aksoy 2002)

As explained above the expansion of the city center took place on the north axis. Advances in trade brought together the need for new buildings such as banks, assurance companies, and foreign companies. Those were built along the coastal line around the new quay. On the other hand traditional center in Kemeralti kept its spatial structure to house the local trade activities, and production. Thus city started to have two city centers, organized around different levels of commerce. (Kiray 1972) This dual character also overlaps with the communities which uses these spaces. Turks and Jews, who are occupied with local trade, worked in the traditional center Kemeraltı and settled in the residential quarters around. Levant and their mediators Greeks and Armenians, occupy mostly the newly developed Frank quarter.

The character of traditional commerce centre had changed in this period, too. When, Inns became a storing place for goods, institutional framework in banking and exchanging had been developed. Also, accommodation services (Oteller Bolgesi) for merchants developed at the end of the 19th century (Dokuz Eylul 2002).

Konak Square started to be administrative centre of İzmir by means of the new buildings of Governorship that built in 1867-76 and Municipality that built on the ruins of St. Pietro Castle. Administrative centre was enhanced symbolically by Saat Kulesi that built in 1901 (Kuban 2001). The area known 'Konak Square' today, where the Clock Tower is placed in the center as the symbol of İzmir today, was located outside the boundaries of the settlement that were developed around the inner bay until the end of 18th century. The evolution of Konak Square as well as its environs has taken place only after the end of the first quarter of the 19th century. The square gained importance with the location of the administrative center parallel to the rise in urban population, growth and widespread development in the course of getting articulated to the changing World conditions of the 19th century (Eyüce 2000).

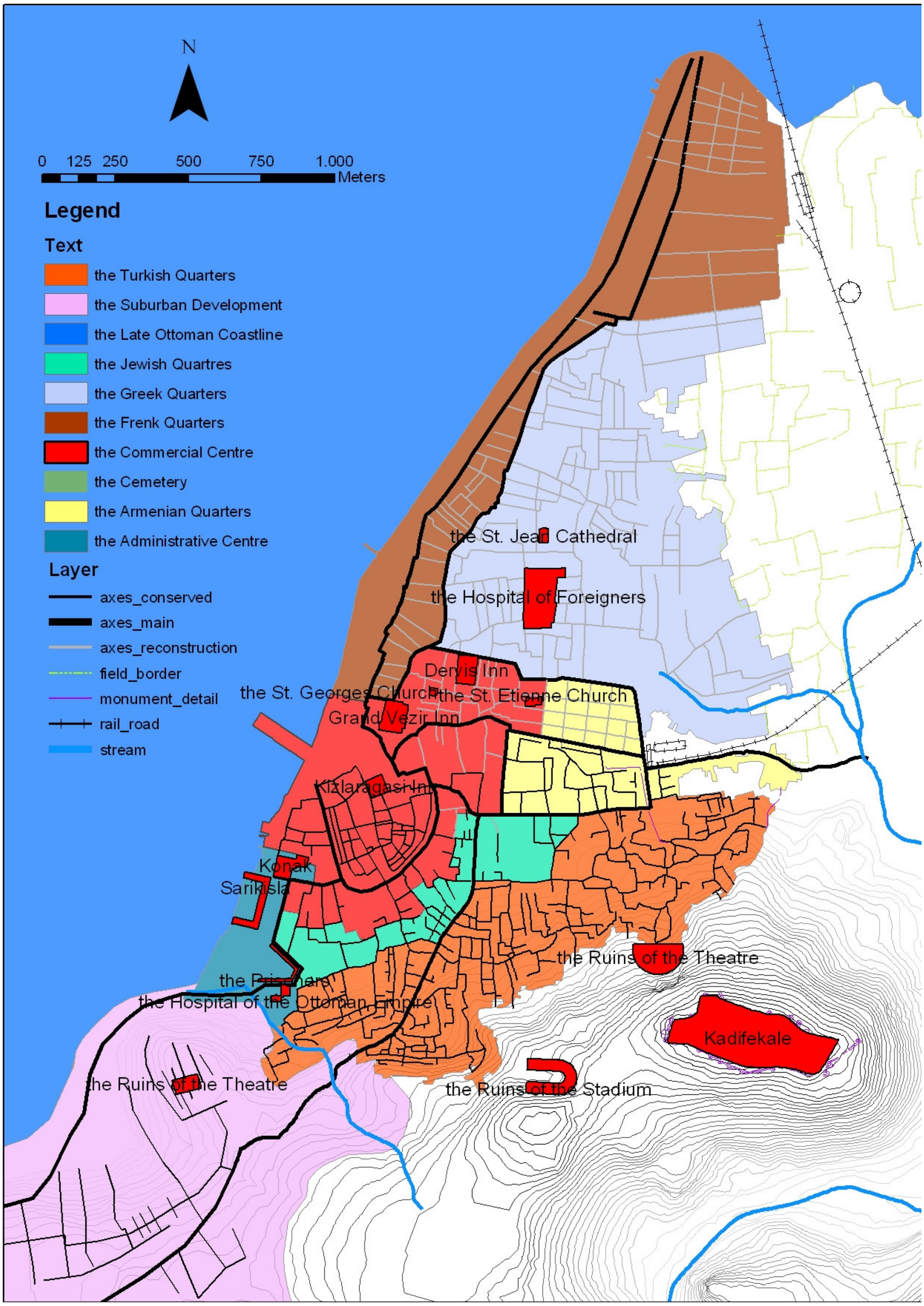


Figure 3.10. İzmir in the Late Ottoman Period, prepared on the current base map of İzmir Municipality, The Water distribution map, showing the ethnic districts (Source: Belge 2005)

3.5.3. Monumental and Main Elements / Buildings of the City

As mentioned before, Alsancak had developed by The Levantines, the bourgeois of İzmir and the social, cultural activities and modern urban services concentrated around new harbour at that period. Georgiades' map shows the Consulates, the Post Office, the Theatre and The Telegraph Office at the north of traditional centre. In İzmir, social and cultural interaction was most explicit in and around the frank street. The street began at the northern entrance of the bazaar and contained, as its name implies, most of the city's principal European Establishments. Many foreign consulates and merchant houses were located within the area bounded by Frank Street and shoreline (Rolleston 1856).

Kordon area housed series of theatre buildings which were the most prominent buildings of the time. Theatre Euterpe, which was the first theatre building opened in 1841, and The Cammerano, Eksristera, Nea Skena, and Theatro Smirnes were the signifcant ones. Apart from the theatres, clubs were also shaping city's socio-cultural life. 'Sporting Club' which was located at Kordon and 'Club European' are amongst the most popular ones. Hotels were new types of short term accommodation in İzmir, and they were frequent in the Frank district. Where as around the bazaar, and Kemeralti, khans are amongst the important buildings. Kızlarağası Khan, Demir Khan, Küçük Vezir Khan can be listed within the numerous khans.

Ottoman Authorities put emphasis on the modernization of the city, and as well started to organize the Konak Square as the administrative centre. One of the important buildings around the Konak square was the Royal Barracks.(Sarıkışla) . It was an out come of the modernization movements within the Ottoman Empire and the military service. Construction of the building started in 1827, and together with the Katipzade Mansion, defined the Governor's Mansion Square. Another significant building is The New Governor's Mansion (1867). The building defined the other edge of the administrative square. The clock tower was constructed in 1901, for the celebrations of the 25th year anniversary of Abdulhamit. Thus, surrounded by the walls of the Royal Barracks at the southern wing and the Governors mansion; also including the Yalı mosque, and Clock tower in the center, was the main physical space where Aydın province, together with the central sub-province was managed in the city of İzmir (Eyüce 2000).

Unfortunately today, we only possess two detailed historical evidence to be able to evaluate Izmir of Ottoman period: A plan by Luigi Storari dated 1852, and another one called the "insurance plan" dated 1905. Figure 3.11 shows occupation area of the city in 1850, with important buildings and institutions, based on the map of Storari. The map in Figure 3.12 called the "insurance plan" dated 1905 will be used as a base map for the urban analysis that will be carried on within the scope of this research. This map has been chosen as the most suitable source for a digital reproduction, since the traces of street network and building blocks are clear and the borders of districts can be identified in detail.

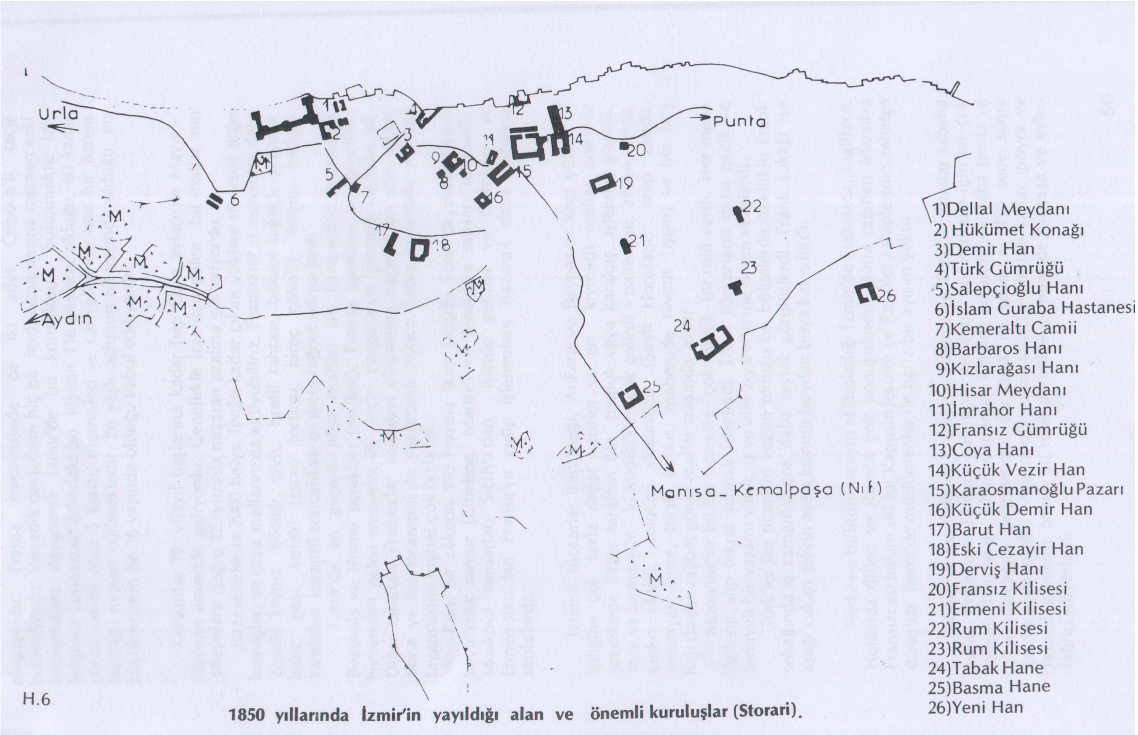


Figure 3.11. Map showing significant buildings of the period.
(Source: Atay 1978)

Figure 3.12 Izmir 1905 Plan

(Source: Levantine Heritage 2007)

CHAPTER 4

SYNTACTIC ANALYSIS IN URBAN MORPHOLOGY

Space syntax is defined as the set of theories and techniques, developed in the Unit for Architectural Studies, The Bartlett School of Graduate Studies, University College London, by Bill Hillier, Julienne Hanson and their colleagues and students. Space syntax uses spatial methods and techniques to analyse the urban and architectural spaces and correlates them with social and behavioral concepts. Space syntax has been in the study of spatial patterns wherever this is found to be a problem, from archeology to architectural practice, urban design and planning.

Space syntax can only be an initial instance of more general techniques of configurational analysis, using configuration in the precise sense defined above as relational complexes in which the differences in one internal view point and another are significant, and in which a local change can create a global one.

“Space Syntax” is a set of techniques for the representation and quantification of spatial patterns. In recent decades, spatial analysis has seen tremendous growth, especially so with the work of Prof. Hillier and the development of the “space syntax” theory and method, that has encouraged research into areas as diverse as the analysis of houses, courts, factories and hospitals, to the analysis of whole urban systems.

Space syntax is a method for spatial description and analysis; and when it is applied in an urban context it would account for some basic characteristics and properties of urban layouts. Description is obtained through the reduction of urban space to just one spatial category - the axial line.

4.1. Space Syntax in Urban Morphology

Space syntax is basically a kit of tools with a theory attached. The tools are about the 'configurational' analysis of space, and seek to analyse spatial complexes in such a way as to identify structure at the level of the whole 'configuration'. For example, if we represent a street network as its least set of longest lines, and analyse it according to the least number of lines that must be used to go from each line to all others (the simplest route, as opposed to the shortest route - though the two will often be the same), then the set of lines with lowest totals will form a pattern which we call an 'integration core'. This core will normally - though not always - connect edge to centre and identify the main 'structure' of public space in the network (Hillier and Hanson 1984).

The theory of space syntax proposes that, in general, the form-function relation in cities and buildings passes through these structural properties of whole configurations. For example, movement along the streets making up a network is more influenced by the position of each street within the whole network, than by the immediately local qualities of that street. Because this is so, land use decisions which are sensitive to movement are indirectly sensitive also to spatial and locational factors, and 'integration cores' tend to become dominant patterns of public space through their role in movement-sensitive activities such as retail.

Methodologically, there are two distinctive ideas in space syntax. The first is its approach to spatial representation and how it answers the question: what is a space? The answer it proposes is that spatial elements must be defined variably, according to the purposes of the investigation. The reasoning behind this is that different human activities have their own 'natural geometry', and what we find in any real spatial complex is not one thing but a series of potentials for reflecting different aspects of what people might seek to do in space. For example, in so far as people move around, they will treat the spatial complex as a matrix of potential lines of movement, and not, for example, as a series of convex lumps. Thus for movement studies, space is usually represented by the least matrix of lines of potential movement in the complex – the 'axial map' - one of the key elements in syntactic studies of urban space (Hillier and Hanson 1984).

The second methodological key is the distinctive concept of 'configuration'. In space syntax terms, configuration means relations which take into account other relations. For example, if we cut a link in a street network, its effects will usually extend well beyond the two spaces whose link has been cut, and may have effects throughout the system, depending on the importance of the link. This reflects a basic property (and difficulty) in relational systems of all kinds. When we consider them as whole complexes, removing or changing one element or relation can have effects on the whole structure, which are often quite hard to foresee. It is these effects that are vital to the space syntax method, because spatial patterns work as wholes, not as accumulations of local relations, and it is the relation between the local linkages and the global pattern that must first be understood.

This means that in quantifying the properties of spatial complexes, space syntax concentrates on the 'extrinsic' properties of spaces, that is their connections, position in visual fields, topological relations to all other, even remote, spaces in a system, rather than on their 'intrinsic' properties, such as shape, scale, and texture, even though the latter dominate our experience of space. Eventually, the theoretical justification of this counter-intuitive strategy is that space is always a 'strongly relational system', meaning that the interrelations amongst elements are more important to the structure and functioning of the system than the properties of individual spaces, and its greatest sensitivities are to changes in the structure of relations amongst spaces (Hillier and Hanson 1984).

The essential research strategy of space syntax is to use these ideas as flexibly as possible in searching both for structure in space and for how that structure relates to observable function. The usual study pattern is to observe a functioning system of space, then try to find a spatial representation combined with a configurational measure - a model, we might say - which captures the functional logic of that system. To the degree that we find consistent representations and measures for different phenomena, as we do for example in studies of movement, then the results begin to look more like a theory.

4.2. The Role of the Computer in Spatial Analysis

In the early days in the 1980's much of this was done 'by hand'. However, it soon became clear that analysing complex configurations required computation. Computation in space syntax research is the subject of this special issue, specifically how the use of computers has led to theory about the form-function relationship in cities and also, as computer technology has advanced (more speed, memory and access to information), so have the problems under investigation and the empirical results and applications. This has had a profound impact on the triad of activities in which space syntax is applied worldwide - main line research, design consultancy and teaching.

Over the last ten years the development of a dynamic feedback process can be noticed whereby theory and methodology from one feeds into the other on an everyday basis. The latest main line research findings are applied in practical design solutions in consultancy with architects, planners and local authorities. At the same time the findings of the main line research and design consultancy are taught on postgraduate courses worldwide, forming the basis for a burgeoning cohort of doctoral researchers using space syntax. It is amongst these students that we most often encounter computer technology being used to stretch the boundaries of research and, on occasion, to break through them in a completely unforeseen way. It often happens that when a new computer software package based on space syntax is developed, or existing software is updated, the students will immediately seek out the technological limits of that software. This tendency is not exclusive to in-house software but also includes commercial software packages. This often leads to new methods for graphical and statistical representation which are then applied in main line research and design consultancy projects. It also leads to the definition of new problems to investigate, and new hypotheses about the way cities function which are then tested to destruction and eventually give rise to new theory (Peponis, et al. 1989).

4.3 Syntactic Spatial Analysis

An approach to urban spatial analysis which starts from the idea that it is topology, rather than distance, which is the basis of the organisation of movement within the city has been developed at the Unit for Architectural Studies, University College London (Hillier and Hanson 1984). 'Space syntax' traces shortest virtual paths through a computer simulation of the spatial grid of a city, the 'axial map', using as its distance variable units of topological rather than metric distance. In other words it measures the length of a path trajectory in terms of the number of corners within that trajectory.

Another feature is that it considers the continuous space of the network to be 'partitioned' not at every intersection, as is done with certain other models of urban space at this scale, but only where specific trajectories change direction. The method can be adjusted to consider different scales of trajectory — measured again in terms of the number of corners traversed, from those limited only by the size of the model itself to trajectories that are much shorter — and the structure that emerges varies as the range (considered in numbers of corners) changes. This corresponds with the real experience of moving through cities where different spaces may be used dependent on the length of journey being undertaken. It corresponds also with the experience of dual or even multiple centres within urban areas where different spaces seem to form centres which relate to different scales of the city. It is suggested that an idea of 'place' and local centredness dynamically attached to the point of view of the subject moving through it which emerges from this conception of multi-layered overlapping scales within the city is one that resonates with the everyday experience of city space far better than a simple bounded 'urban village' idea.

The computer model aggregates all possible trajectories within the scale range decided, and ascribes values to spaces on the basis of their shortest topological distance (number of corners) from all other spaces within the range being considered. This value can also be thought of as an index of the 'shallowness' of spaces with respect to the other spaces within the range being considered and the value derived (after a process of standardisation which allows for the effect of the size of the system on the value) is called that space's index of 'integration'. Integration measured to the limits of the model itself is called 'global integration', and integration measured to a range of 3 corners is called 'local integration'. These integration values have been shown to correlate with observed densities of various sorts of traffic in the equivalent spaces of cities and the basic method has been tested in a number of cities (Hillier, et al. 1987, 1993, Peponis, et al. 1989, Read 1999) and has been used successfully for some time as an urban design tool, predicting changes in pedestrian flow at the scale of the local design intervention. The model's predictive capacity suggests something about a principle of space use within the city. In general — and in relation to those spaces immediately around them — it is those spaces which are 'shallower' (in terms of numbers of changes of direction) — or more 'integrated' in relation to the spaces within their connected spatial environment which are best used. It suggests also that there are differential accessibilities within a non-uniform, non homogeneous network of fine-scaled space in the city leading to grain and hierarchy and 'lines of least resistance' through the city's fine-scaled spatial matrix.

Space syntax is a theory of description applied to the built environment. It deals with the relational patterns that arise as space is marked, divided, enclosed, differentiated, shaped, and organized by means of physical boundaries. Underlying this descriptive emphasis is a question ostracized from architectural discourse for a portion of our recent past: how is built space to be understood as a social artifact, how does it function, how does it support or constrain behavior, how does it reproduce social relationships, how does it generate social effects? The key towards a syntactic theory of function is provided by the description of space use as another kind of spatial morphology. Examples of generic morphological patterns that mediate between layout, social function and cultural meaning include: movement, co-awareness and encounter; exploration and exposure to information; the functional labeling of spaces. The word "syntax" bridges between the twin motivations, to describe built space and its occupancy and to understand how these patterns are means through which we recognize and construct society and culture. As an analytical, quantitative and descriptive tool, space syntax is used to test hypotheses in different domains of inquiry in which controlling for layout as a variable is an issue (Hillier and Hanson 1984).

Space syntax is situated mostly between words and drawings, or maps: It manifests the underlying spatial structure of the environments they depict. In a different sense, space syntax is potentially situated between words and paintings, or photographs, or even film and video. It directs attention to the literal or phenomenal spatial context of the points of view they record or project. Space syntax involves two fundamental procedures. First, space is represented as a pattern of related elements that are usually 1 or 2 dimensional but could as easily be 3 dimensional depending on modeling and computational sophistication. Typically, these elements consist of visibility polygons, lines of movement, or convex areas of potential co-presence and co-awareness. The identification of such spatial elements requires the recognition and manipulation of the shape of the physical environment. However, the interrogation of shape proceeds from intuitions pertaining to the way in which space is occupied, explored and understood as part of everyday life. Syntactic geometry is, in this regard, linked to a phenomenology of spatial experience, admittedly one which is rather analytically aimed and rather sharply focused. The second procedure deals with local and global patterns of connection, based on relations of permeability, intersection or overlap between elements. In studying connections, especially at more global scales, we always make a transition from direct perception to abstract understanding. We can occupy and use larger spatial systems because we understand relational patterns synthesizing partial and incomplete perceptual evidence. While the first procedure of syntactic analysis is essentially geometric, the second deals with topological properties represented as graphs (Hillier and Hanson 1984). The main syntactic variables that describe space as a pattern of global connections can be listed as "integration" that more integrated spaces are more directly accessible from all other parts of a system. And connectivity, is a local measure of connection; it simply indexes the number of direct links from a space. The interaction between the recognition of geometric shape and the analysis of topological relationships is at the core of space syntax as a theory of description.

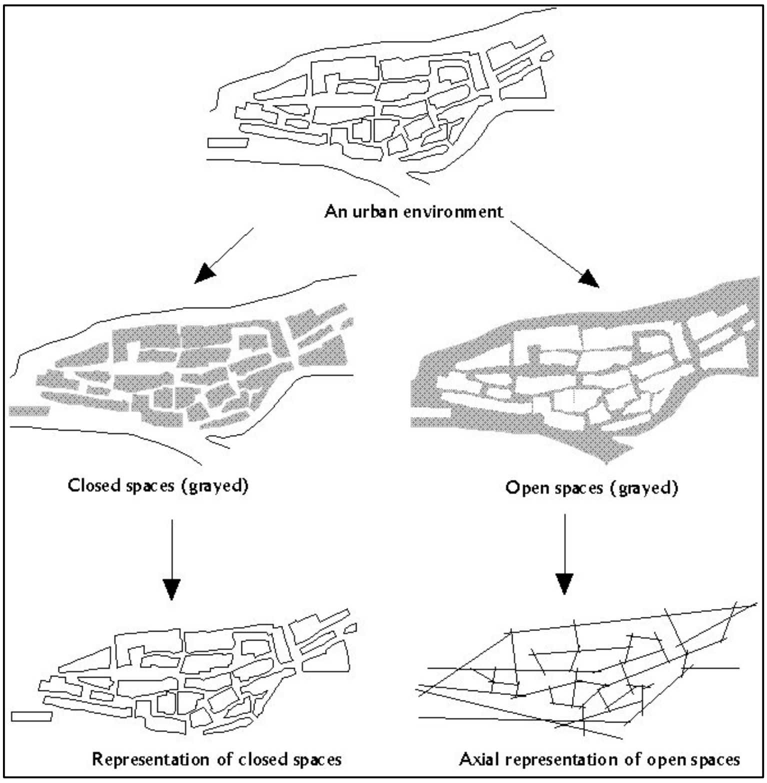


Figure 4.1. Basic steps in space syntax analysis
(Source: Jiang 2001)

Space Syntax is a set of techniques (usually, but not always, involving computers) for the analysis of spatial configurations of all kinds, especially where spatial configuration seems to be a significant aspect of human affairs, as it is in buildings and cities. For the purpose of space syntax analysis, maps are presented in "axial maps" which consist of the longest and fewest straight lines that can be drawn through the rights of ways. The authors assumed that outdoor public spaces of the environment afford settings for strolling. Outdoor public spaces are open spaces accessible to all, such as streets, pedestrian street, open ground, square, nature/greenbelt area, and the like. The term "rights of way" is often used to emphasize the use of those public spaces to pass or travel between places, and that trespassing is allowed by law. In an old naturally built-up area, the rights of way was formed in a long period of time as the society and its environment grew. In a newly designed built-up area, the rights of way is planned together with buildings, using established planning criteria ("planned rights of way").

Two numerical properties of Space Syntax are: (a) Axial length and (2) Measure of integration:

(a) Axial length represents the length of straight lines (axis) that can be drawn from a position in the rights of ways. Behaviorally speaking, axial length shows the degree of visual access to the surrounding. Visual access is defined as the possibility of awareness to other distinct spaces because of visibility. Peter F. Smith (Smith 1977) in "The Syntax of Cities" states that certain spaces by its forms, generate people's movement. For example, linear spaces and intersections as can be seen in boulevards, promenades, squares, or crossings, attracts people to walk through. It is clear that linear spaces and intersections provide high visibility to other spaces. Furthermore, Christopher Alexander (Alexander 1977) also states that high places which give visibility to the whole environment from above, attracts strollers to explore the neighborhood.

(b) Measure of integration is derived from Hillier's notion of "integration" which he argues as the most important global measure of configuration. The calculation of "integration" is based on the calculation of "relative depth or relative asymmetry" suggested by Hillier, as he writes:

"......to calculate relative asymmetry from any space, work out the mean depth of the system from the space by assigning a depth value to each space according to how many spaces it is away from the original space; summing these values and dividing by the number of spaces in the system less one (the original space). Then calculate relative asymmetry as follows: 2(MD-1)/(k-2) where MD is the mean depth and k the number of spaces in the system. This will give a value between 0 and 1, with low value indicating a space from which the system is shallow, and high value a space which tends to segregated from the system. Relative asymmetry or relative depth can therefore be thought of more simply as the measure of integration........" (Hillier 1984).

Basically, the line or space that most integrate the system is the one from which all others are shallowest on average. It is argued that the more a space integrate the system, the more possibility to be visited or passed in the random journey (Hillier

1993). Consequently, those spaces give higher possibility of social encounters, or in other words, to see or/and to be seen by others.

Space Syntax's theory begins first by detecting the social logic of space and then continues with an attempt to explain the relation of society to space which also gives a possible definition of society through space.

4.4. Space Syntax Measures

Axial map is a method of representation composed of axial lines (implying meanings related to movement of a human body) of the continuous system of open space accessible to public, by the least and longest set of lines that traverse all the convex spaces (Hillier and Hanson 1984).

Global Integration is one measure of the axial map analysis showing the degree to which each line is closer to every other line in the network (considering natural movement from everywhere to everywhere else) under the logic of the simplest route - minimum changes of directions.

Local Integration is a version of integration called local integration rad.3 that restricts the measurement of routes from any line to only those that are up to two steps away from it. This measures the local importance of the space.

Intelligibility measures on a scale from 0 to 1 the information that can be inferred about a complex relational system from the locally available visual information. As described by Hillier, 1996, in represents "the relation between what cannot be seen and what is available".

Synergy expresses the potential of the system to create an interface between the local movement and the global movement patterns. It can give information "about the quality of a neighborhood, due to the predictability of the social environment, seen from the local point view" (Stegen 1999). It can predict the potential of an interface of co-presence between local community and strangers, and that would be the raw material of social interaction.

Distinctivity, as synergy, concerns the local and global integration patterns. Plotting local integration versus global integration values, "the more the set of dark points (representing the lines of a particular sub area) forms a line crossing the regression line for the whole city, but tending to greater steepness, then the sub area is distinctive" (Hillier 1996). A steeper regression line expresses the fact that the local integration pattern accounts for much of the variations of presence within the virtual community, in the conditions of poor differences between the global integration values of all the lines in the cluster. "A distinctive area is possessive, and makes it hard to the natural movement to escape towards other areas" (Stegen 1999)

The choice analysis "computes the likelihood that each space in a spatial network is traversed for all potential movements on topologically simplest routes between all possible pairs of origin and destination spaces within the network" (Wai 2005). Therefore it measures the potential of through movement of a certain space, as opposed to "to-movement" given by the integration measure. (Hillier, et al.1987, Peponis, et al. 1989).

Deformed wheel is the type of integration core found in majority of organic cities analysed under the Space Syntax framework, where the inner most integrated lines form a deformed hub from which the integrated 'spokes' lead to different sections of the structure and the edges.

The coefficient of variation of a range of values is obtained by relativising the standard deviation of the values to the size of the sample by dividing it to the mean value, with the aim of finding a comparable figure between two samples of different sizes.

The catchment area of a space is the generally considered the area of most direct influence of a space regarding its movement pattern. In different documents it is considered either as a metric distance or topologic distance, and in the particular case of the current analysis is combining the two together for further investigation.

Segment angular axial analysis is a method of graph based analysis that uses as elements the segments between two intersections in the fewest and longest axial line map. It has the advantage of being able to differentiate between segments of the same line and weight the angular degree of direction changes as well and the length of the lines next to the traditionally measured number of changes of direction. Therefore it uses topological, geometric and metric distances in any combination.

4.5. Case Studies in Space Syntax

Jeddah Unplanned Areas

One of the main objectives of the Strategic Planning Framework (SPF) for Jeddah, completed in April 2006 by Space Syntax, was to develop a strategic approach to the improvement of the numerous unplanned areas in Jeddah. These areas underwent which underwent a massive period of growth in the 1950s and 1960s, then became overpopulated and stagnated. Their current condition is a mixture of physical and social problems that are getting worse as the city continues to grow.

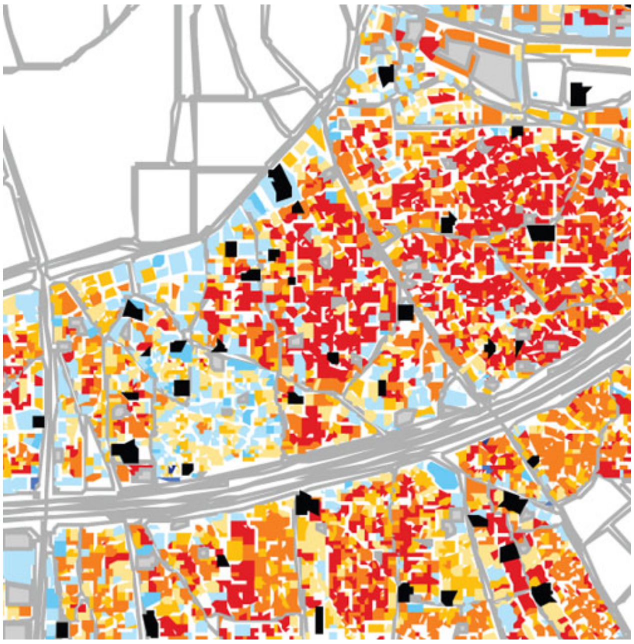


Figure 4.2. Jeddah Unplanned Areas
(Source: Space Syntax Ltd 2006)

The central areas in particular, lacked connections between internal cores and the surrounding urban route structure. This pattern inhibits reinvestment in these areas and exacerbates the cycle of overcrowding, capital flight, and social segregation. Some of the problems can be listed as follows. Deteriorated socio economic, physical, health and environmental conditions, lack of proper maintenance, illegal occupation of private and government land, insecurity of land ownership, concentration of non-Saudi population, poor connection of the internal infrastructure with the surrounding areas.

Figure 4.3. Jeddah Local spatial Accessibility Analysis
(Source: Space Syntax Ltd 2006)

In order to address the issue of the Central Unplanned Areas, an advanced spatial diagnostic methodology was developed. This methodology was aiming to show the most important routes in each of the settlements. First, the intensified and isolated core of the settlement was detected by local accessibility analysis. Based on this analysis, a strategy was decided upon to realign and link the smaller fragments to the larger structure of city-wide routes. The result is to create a smooth transition from city-wide access to local routes within the unplanned settlements; thus reconnecting the settlements to the larger city while preserving their unique character and sense of place.

- **Margate's Historic Core**

Margate's Old Town (Kent, UK) is a unique, historic environment. However, it is cut off from the wider town centre and under-used. A planning was made to unlock the potential of the Old Town and attract the inverters' attention

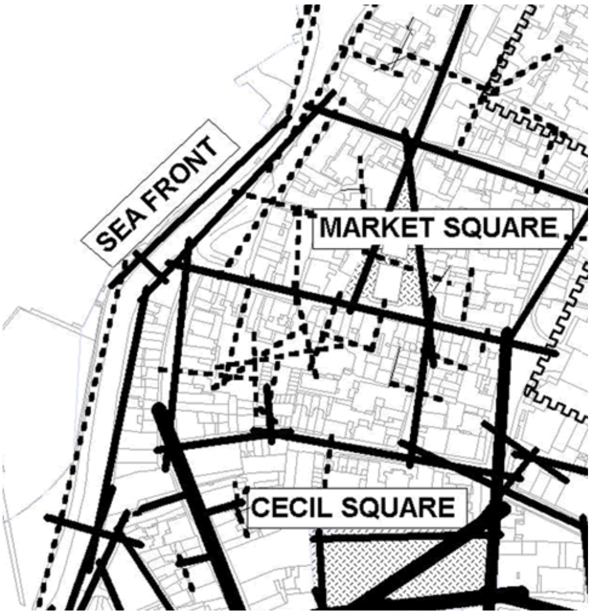


Figure 4.4. Spatial Integration Analysis
(Source: Space Syntax Ltd 2006)

Project began by identifying and illustrating the key physical constraints to social and economic regeneration in the Old Town. The diagnosis was based on an analysis of the historic evolution of the centre, its current patterns of economic activity and its patterns of pedestrian movement. The outcome was that the Old Town has a simple, usable internal layout but is largely impenetrable from the outside. Thus, a new, highly visible route into the Old Town, which became known as "Old Town Way", was proposed in order to solve this problem. The route was firstly tested using a pedestrian movement model and found it was likely to bring substantial improvements in pedestrian flows. Old Town Way became the catalyst for the overall regeneration plan.

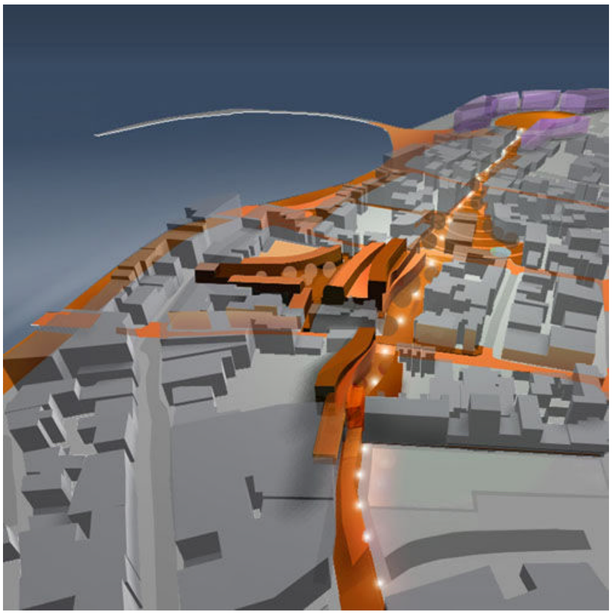


Figure 4.5. View of the Design Concept highlighting the route of Old TownWay, Margate, Kent (Source: Space Syntax Ltd 2006)

The diagnosis and subsequent design vision helped to raise the profile of the Old Town in the eyes of developers and policymakers. A Margate Masterplan -which highlights the importance of drawing movement into the Old Town - has been commissioned and has received strong public support.

- **Waterloo, Southbank, London**

London's South Bank hosts some of the world's premier cultural facilities and has long been frequented by many kinds of people: local residents, workers, tourists and commuters, as well as music, theatre and museum goers. Despite all these elements, however, it had never achieved the urban buzz expected of it.

Figure 4.6. Spatial accessibility model of London's South Bank, poorly used routes are shown in blue.
(Source: Space Syntax Ltd 2006)

Analysis pointed out the problem primarily to the area's circulation system. The evidence showed that the spatial layout of the area directed different groups of people onto different routes. This left many spaces empty for much of the time because several groups of people were present only at certain times of day. Underused spaces were colonized by antisocial individuals or groups who deterred further use. The result was a spiral of decline in which there were relatively few locations where commercial, retail or catering outlets were viable.

Recommendations largely focused on integrating the various user groups by providing new direct routes between Waterloo International Station, the Hungerford Bridge and the Riverwalk. New attractors were sited in integrated locations, to take advantage of passing flows and added two new significant public spaces to act as attractors and orientation points.

Figure 4.7. South Bank Centre, showing highly connected, new routes in orange and yellow, indicating high levels of natural surveillance, London
(Source: Space Syntax Ltd 2006)

4.6. Debates and Discussions on Space Syntax

Because of a number of paradoxes that arise under certain geometric configurations, space syntax's mathematical reliability has recently undergone some criticism. These paradoxes have been highlighted by Carlo Ratti at the Massachusetts Institute of Technology. Ratti points out to these inconsistencies appearing in two levels. At a simple level, the analysis of regularly gridded urban textures (such as Manhattan's) reveals the difficulty of accepting the claim that space syntax allows the modelling of pedestrian choice making. In more complex cases, the distortion of two ideal textures produces a topological discontinuity, leading to the unacceptable situation where one single urban configuration produces two conflicting outcomes when analysed with space syntax tools (Ratti 2004). *"Cities are clearly more complex than regularly structured systems. Their geometry is variable and irregular."* (Ratti 2004)

He discusses other facts as well, such as the difficulty of space syntax to take into account building height and land use, and its sensitivity to boundary conditions. According to the conclusions Ratti has, the topological representation of cities, on which space syntax is based, discards precious metric information and is rather limiting.

It is envisaged that with current increases in computational power new algorithms might allow a deeper understanding of urban texture, based on the full exploration of its metric and topological properties (Ratti 2004).

There were also been various debates on combining space syntax with more traditional transport engineering models, using intersections as nodes and constructing visibility graphics. Bin Jiang, Valerio Cutini and Mike Batty can be counted among various researchers who have worked on this aspect. There has also been a research development that combines space syntax with GIS, such as the place syntax models developed by the Spatial Analysis and Design research group.

4.7. Space Syntax Analysis for İzmir 1905 Map

4.7.1. Methodology of Axial Map Construction

The procedure for axial map construction in this thesis follows that outlined by space syntax methodology as described by the founders (Hillier and Hanson 1984). In brief, the fewest number of longest axial lines have been drawn along all public routes through which people can see and move. The longest possible lines of sight have been used to define the axes. Enough axial lines have been used to link all maximal convex public spaces in the city in a network that is as *shallow* (in graph terms) as is physically possible.

The axial map construction from the map of Izmir 1905 has been performed through some digital procedures carried out in computer aided design and drafting environment. The map was scanned, rectified and then scaled in order to draw the digital map. Then it would be possible to digitize the street network and draw the axial lines. This digital map was also used for the drawing of urban building blocks for geomteric analysis.

Digital axial map was then transferred to two space syntax software environments. The space syntax software used within this research are "UCL Depthmap" and "Mindwalk". Both of these computer-based syntactic analysis programmes were utilized in order to get the syntactic measures, maps and graphs, that were necessary for the integrated quantitative methodology that this research suggests.

Figures 4.8 and 4.9 show the capture screens while running the softwares UCL Depthmap and Mindwalk respectively.

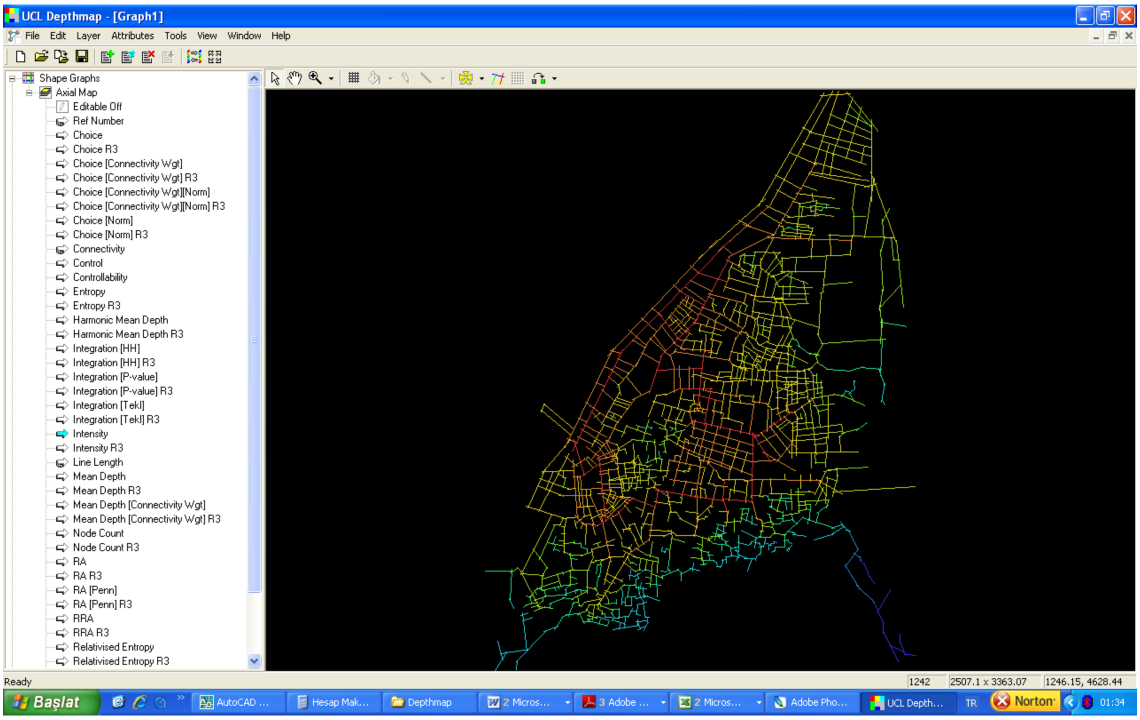


Figure 4.8. Screenshot from running the software UCL Depthmap for Axial Analysis

However, there are aspects of the methodology of map construction that are different in the “Izmir” case. Hillier and Hanson outline the special morphological characteristics that dead end streets have in graph models of street systems (Hillier and Hanson 1984). They refer to dead-ends as *non distributed* lines and experiment with their removal or inclusion in spatial models of a street systems extensively (Hillier and Hanson 1984). This began a tradition of experimentation with the removal or inclusion of dead ends in axial maps and the diverse range of studies since then have sometimes included dead ends and sometimes not. The purpose of the analysis in this thesis is to measure the spatial properties of streets in order to test some relationship to urban patterns. Given that dead end streets contain addresses just like any other street, the measure cannot justifiably exclude them if it supposed to be a street level model of spatial configuration. Therefore all dead ends have been included in the model.

4.7.2. Measures of the Syntactic Spatial Analysis

Using the axial map representation of the street system, a number of measures of the network properties of this system can be calculated. These measures will all be tested for significance against the empirical data in the thesis and are described below from the simplest to the more complex.

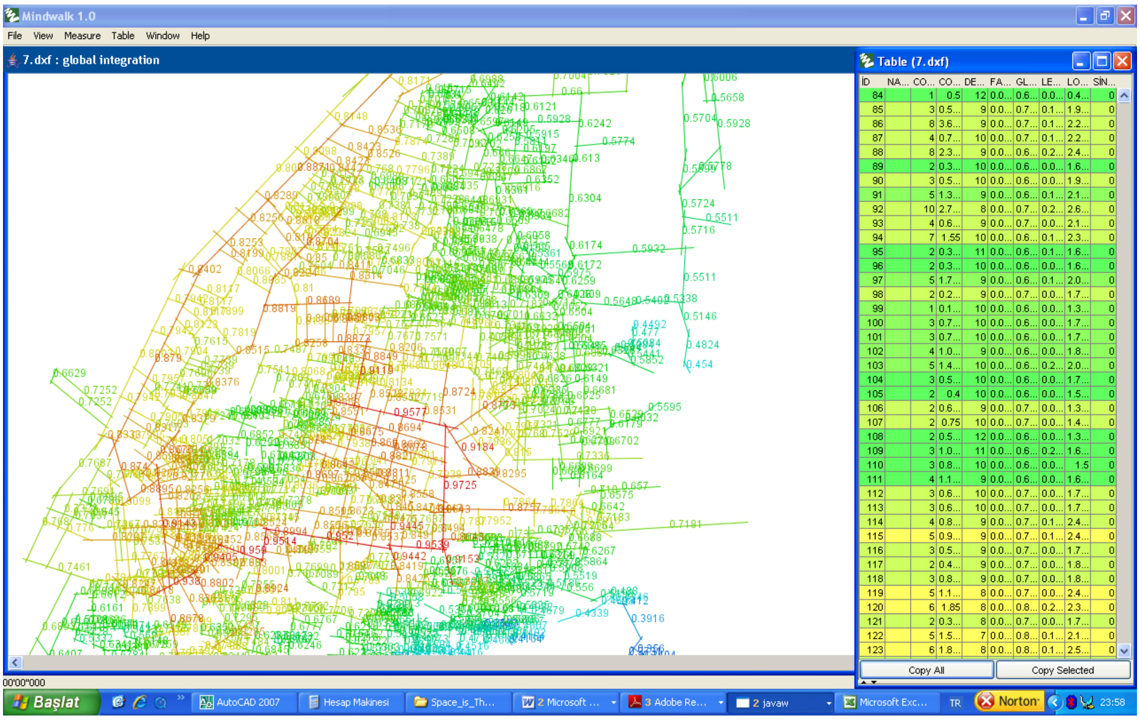


Figure 4.9. Screenshot from running the software “Mindwalk 1.0”

4.7.2.1. Length of Axial Line

The simplest of all morphological measures that can be derived from the axial map is the length of the longest possible axis along any street or space. This is effectively the length of each named street, as by convention the vast majority of streets in Izmir are straight lines with a single name and the name changes if the street bends significantly. The total length of all lines in the Izmir axial map is around 5300 km.

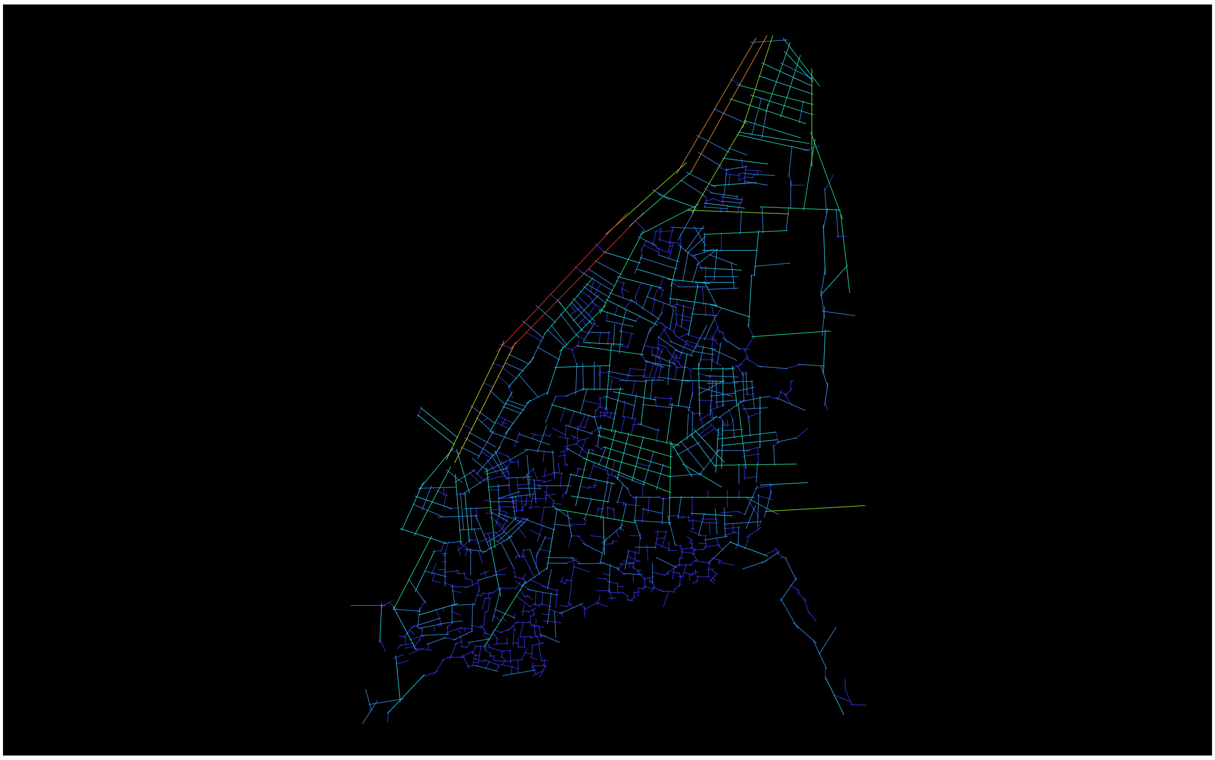


Figure 4.10. Axial Analysis (Line Length)

When the street system is represented as a set of longest axes, the pattern that emerges is very hierarchical, with a small number of very long lines. Axial Map 4.10 shows the length of lines coloured according to a spectral range. The average length of axial lines in Izmir is 40 metres but the longest is over 12.5 km. This difference is because the length of streets in Izmir is logarithmically distributed with a positive skew (skewness =5.42) as can be seen in the box plot of Figure 4.11 below. 95% of lines are within the bottom decile of the range (from 62m to 1.3 km). The distribution of street lengths is not a normal distribution, it is hierarchical one reflecting the importance of a very small number of key streets within the network as a whole.

4.7.2.2. Connectivity

The second most local spatial measure of axial lines is the number of connections or intersections with other lines. Whereas the length of each axial line is independent of other lines, the connectivity of each line depends on how it relates to the others. The connectivity is a property of each line within the network of interconnected lines. It is therefore less local than the length of lines, but it is still a property that would be more or less visible to anyone standing on a street without further knowledge of the system as a whole.

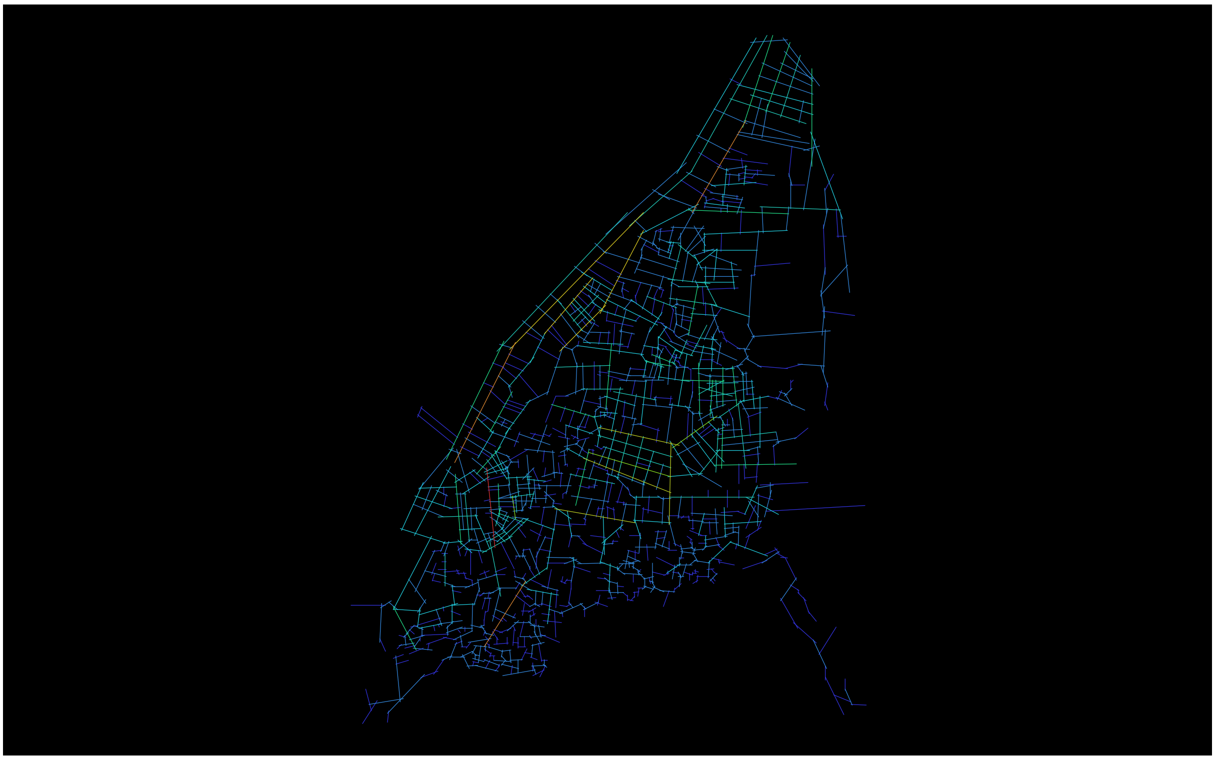


Figure 4.11. Axial Analysis (Connectivity)

Axial Map 4.11 shows the connectivity of Izmir lines as a colour spectrum. The Adlergestell is the most highly connected of all lines. This is to be expected from the strong relationship between the length of lines and their connectivity. As can be seen in Figure 4.12 below, there is a correlation of r2= 0.452014 between line length and connectivity.

However, there is a much greater variance in connectivity for shorter lines, but the longest follow the trend much more closely. The extreme exception to the trend at the higher end of the length range is the "Rue Frank", which is nearly m in length but has only 5 connections.

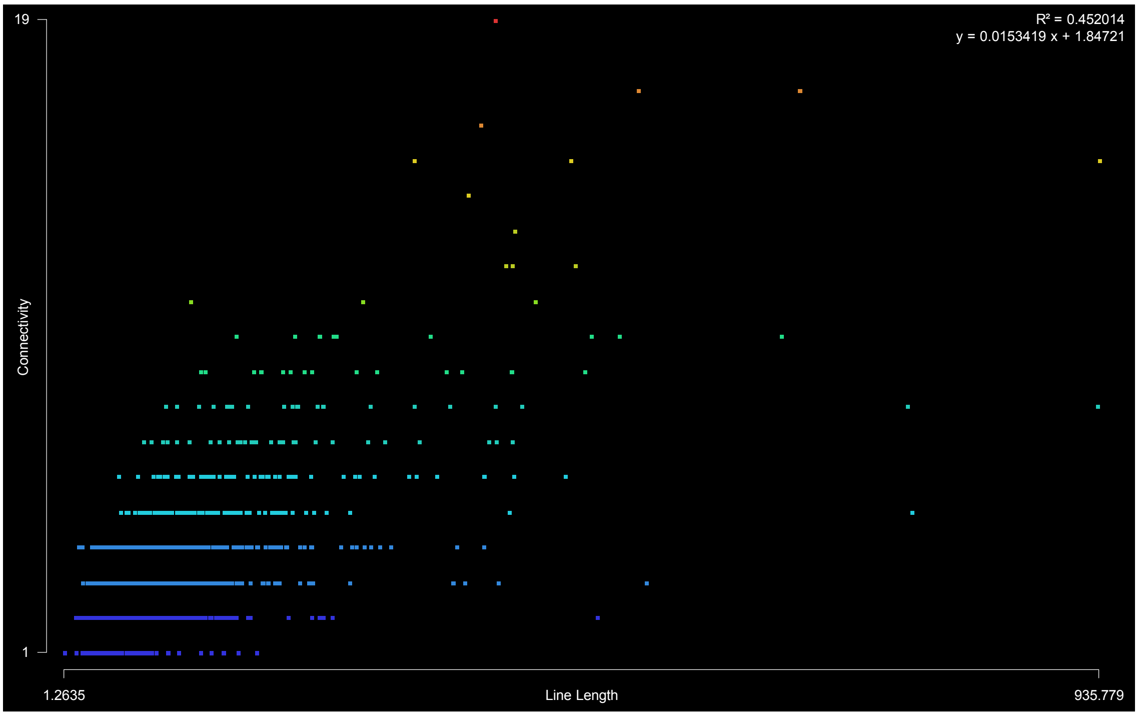


Figure 4.12. Correlation between Axial Metric Length and Connectivity (R^2 = 0.452014)

4.7.2.3. Integration

Finally, the most global measure that will be applied to Izmir is the integration of each axial line (representing a street) within the network of all lines. The measure of integration is useful in showing the global structure of the whole network as a system. It is also the measure that has been found to correlate best with movement patterns, discussed previously.

Figure 4.13 Axial Analysis (Global Integration – n)

Integration is a normalised measure of graph depth. It is based on the measure of 'relative asymmetry', where RA is the 'relative asymmetry' or integration of a line, d-bar is the mean depth in graph terms to all other lines and k is the number of lines in the system.

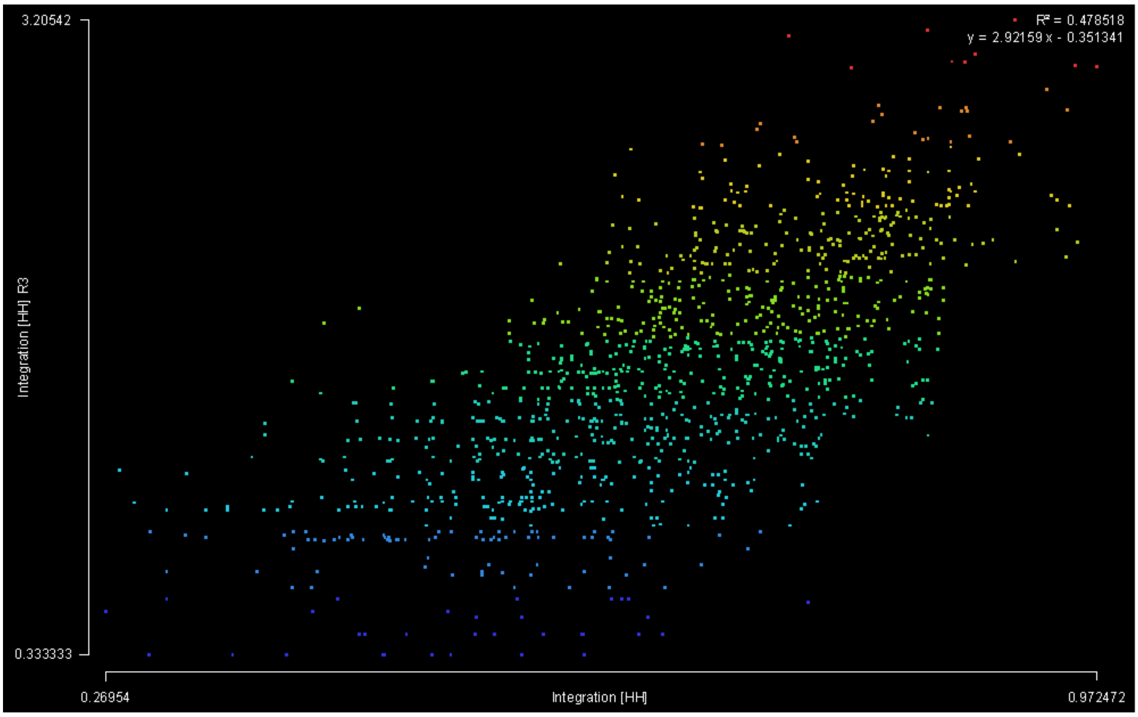


Figure 4.14. Correlation between Global Integration(n=n) and Local Integration (n=3) (R^2 = 0.478518)

In the two figures below, the relationships between the spatial measures, Integration(n=n) and Local Integration (n=3) are explored.

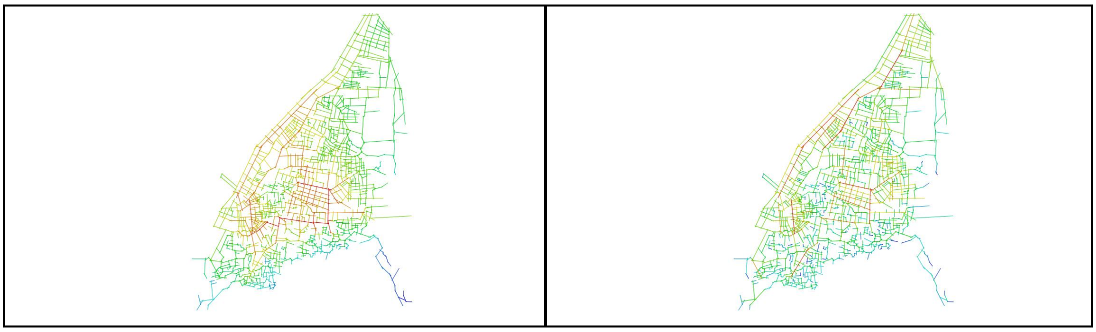


Figure 4.15. Axial Analysis Results of Global Integration(n=n) and Local Integration (n=3)

The following figures represent the colored axial maps produced as outputs of syntactic analysis according to various space syntax measures. These syntactic measures include connectivity, choice, control, depth, global integration and local integration. The colored axial analysis maps are then juxtaposed with the original Izmir 1905 map digitally in the same scale on the computer and the resulting superimposed maps can represent us the syntactic properties of the districts and the whole city. The standard coloring schemes of axial analysis were preferred in order to a generate a universal language of representation. For example, the red axial lines in connectivity graph show us the streets which have high connectivity values, thus these are the most connected – or generally speaking the streets which have the highest number of intersections in the system. Figure 4.22 and in detail 4.23 represent the "metric choice" values of street network. The red axial lines are important here, which follow the route of "Rue de Frank" street, and from the literature survey it is possible to conclude that this street is the most crowded and lively street of the city. The quantitative measures of syntactic analysis proves this qualitative result simply in the metric choice variable.

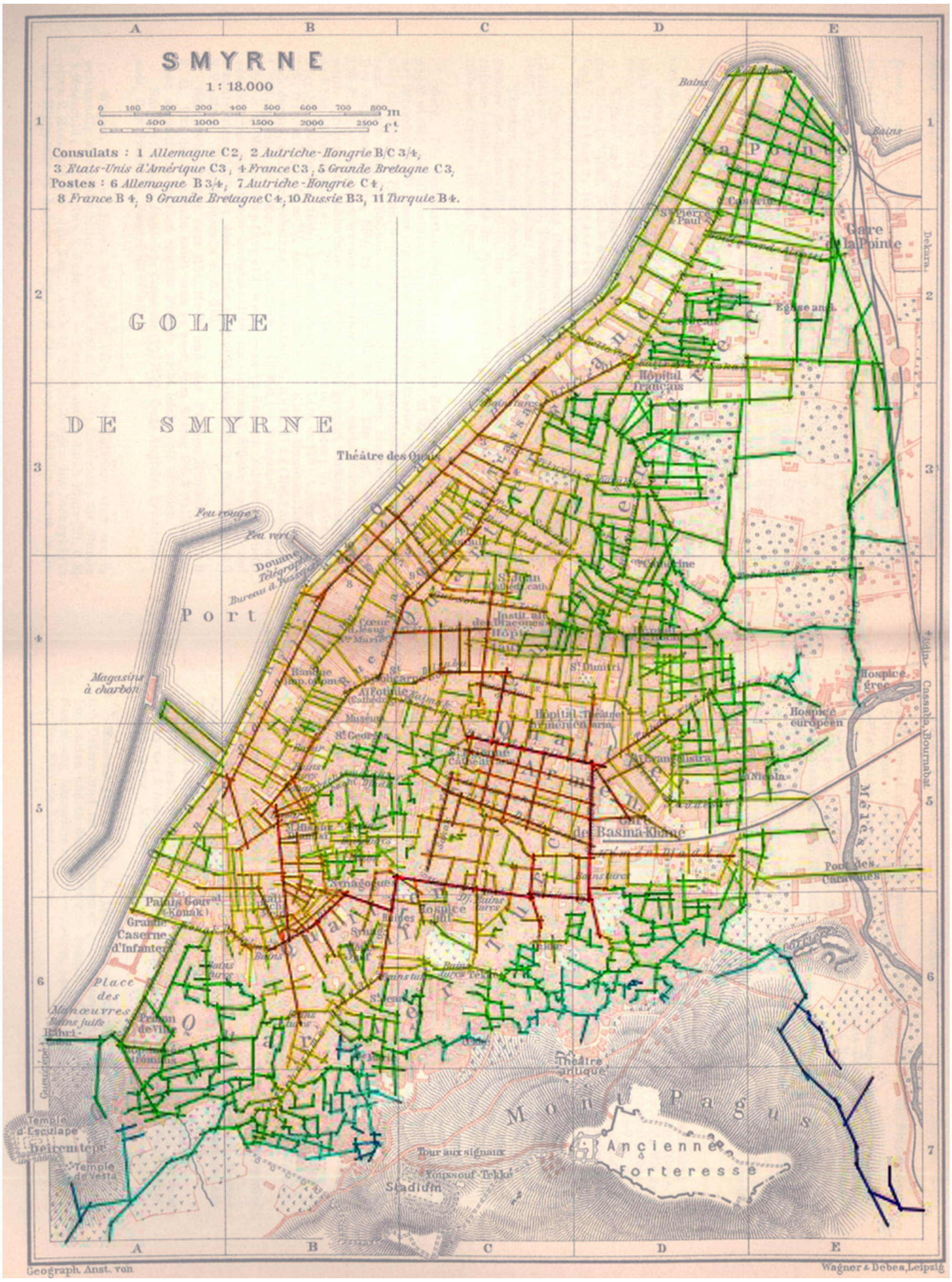


Figure 4.16. "Connectivity" Graph in Izmir 1905

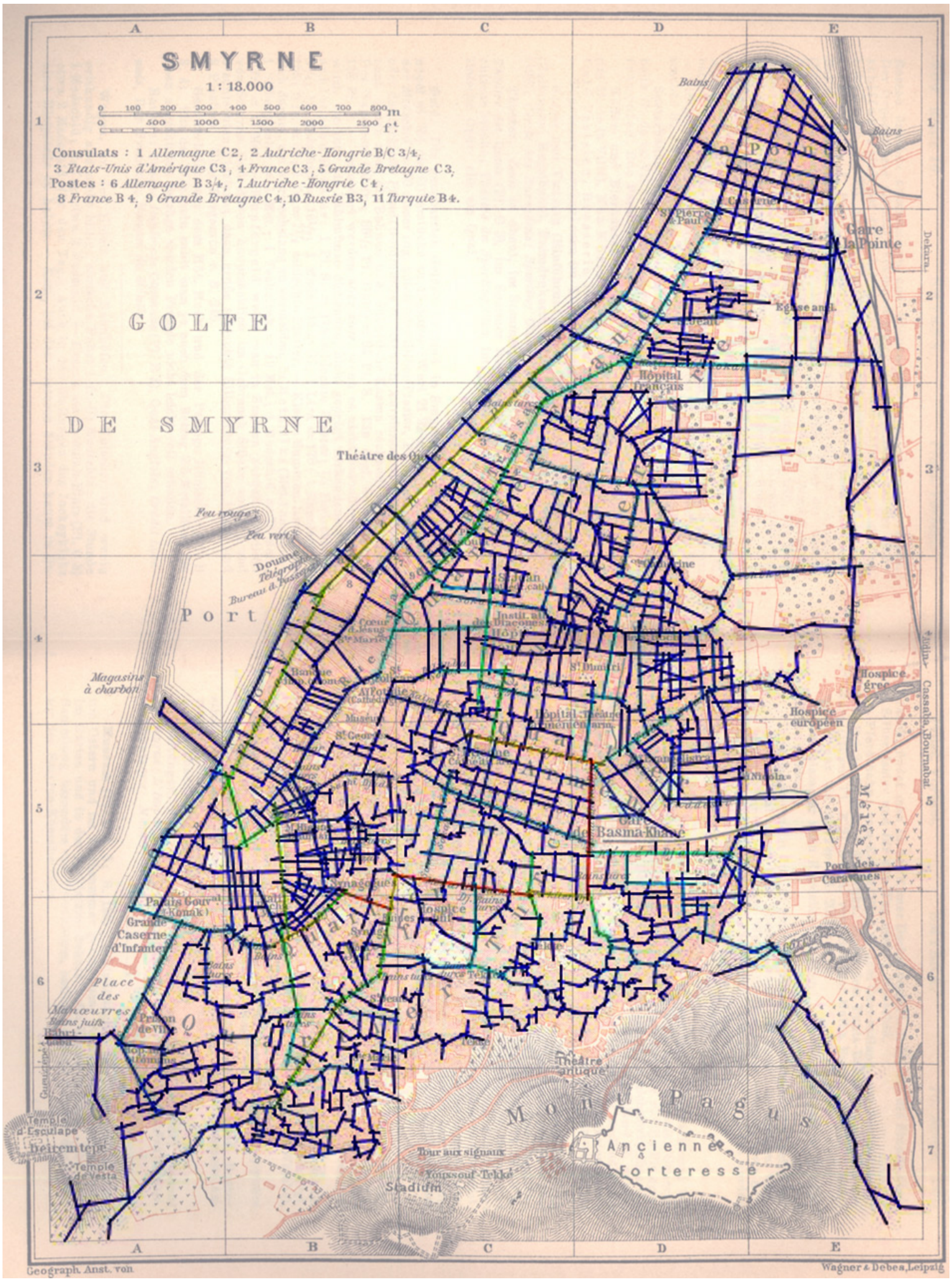


Figure 4.17. “Choice” Graph in Izmir 1905

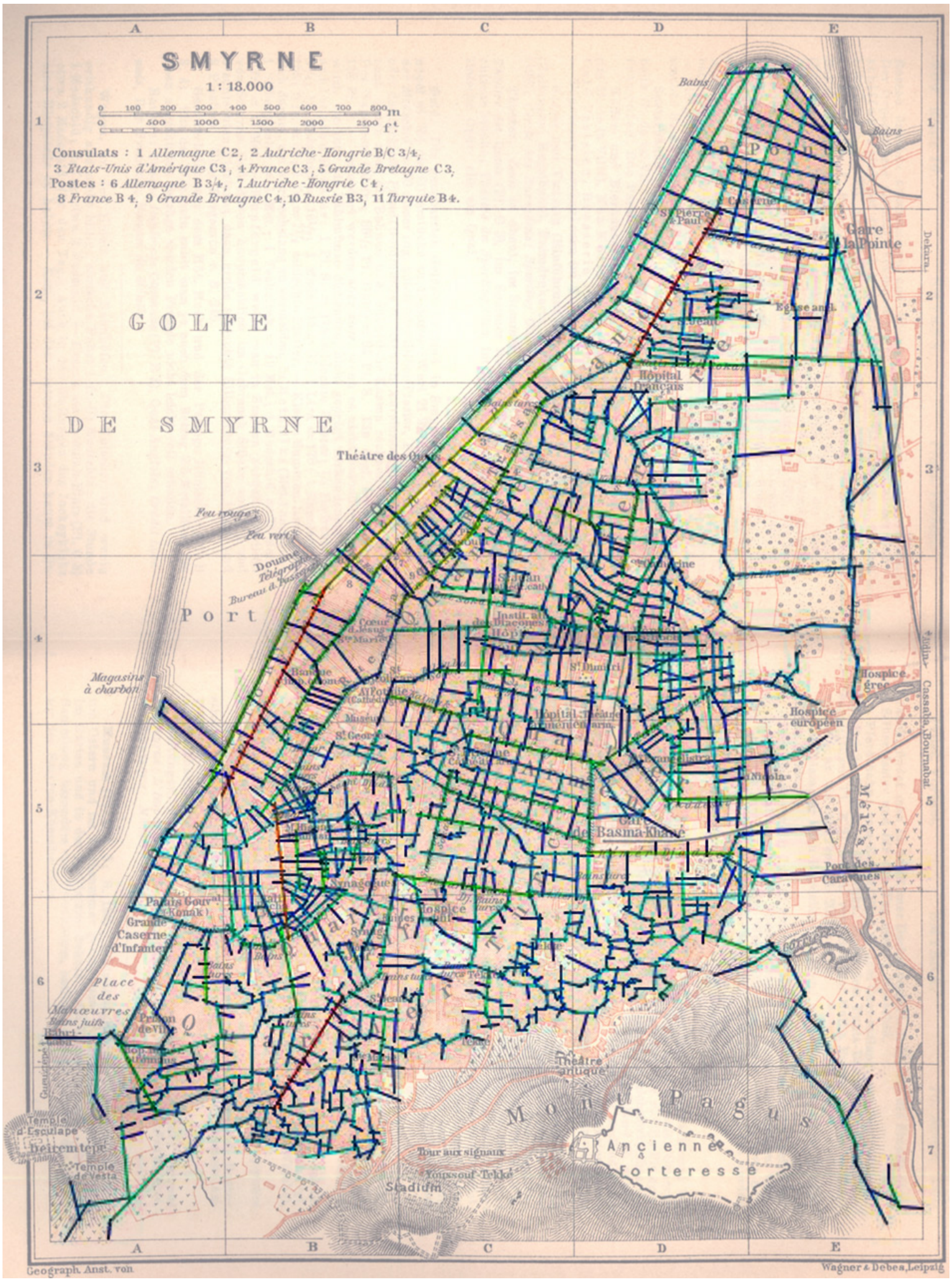


Figure 4.18 “Control” Graph in Izmir 1905

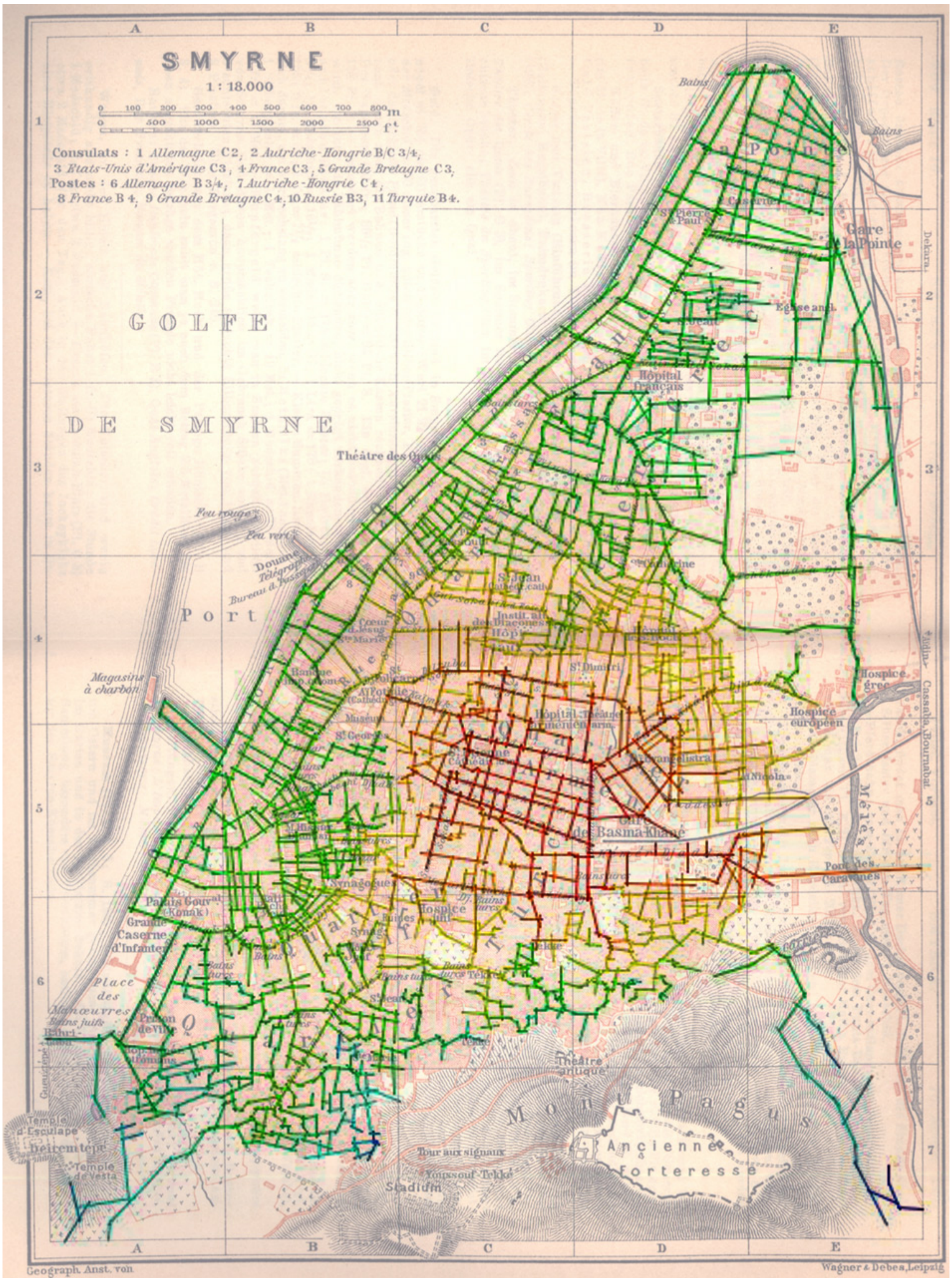


Figure 4.19 “Depth” Graph in Izmir 1905

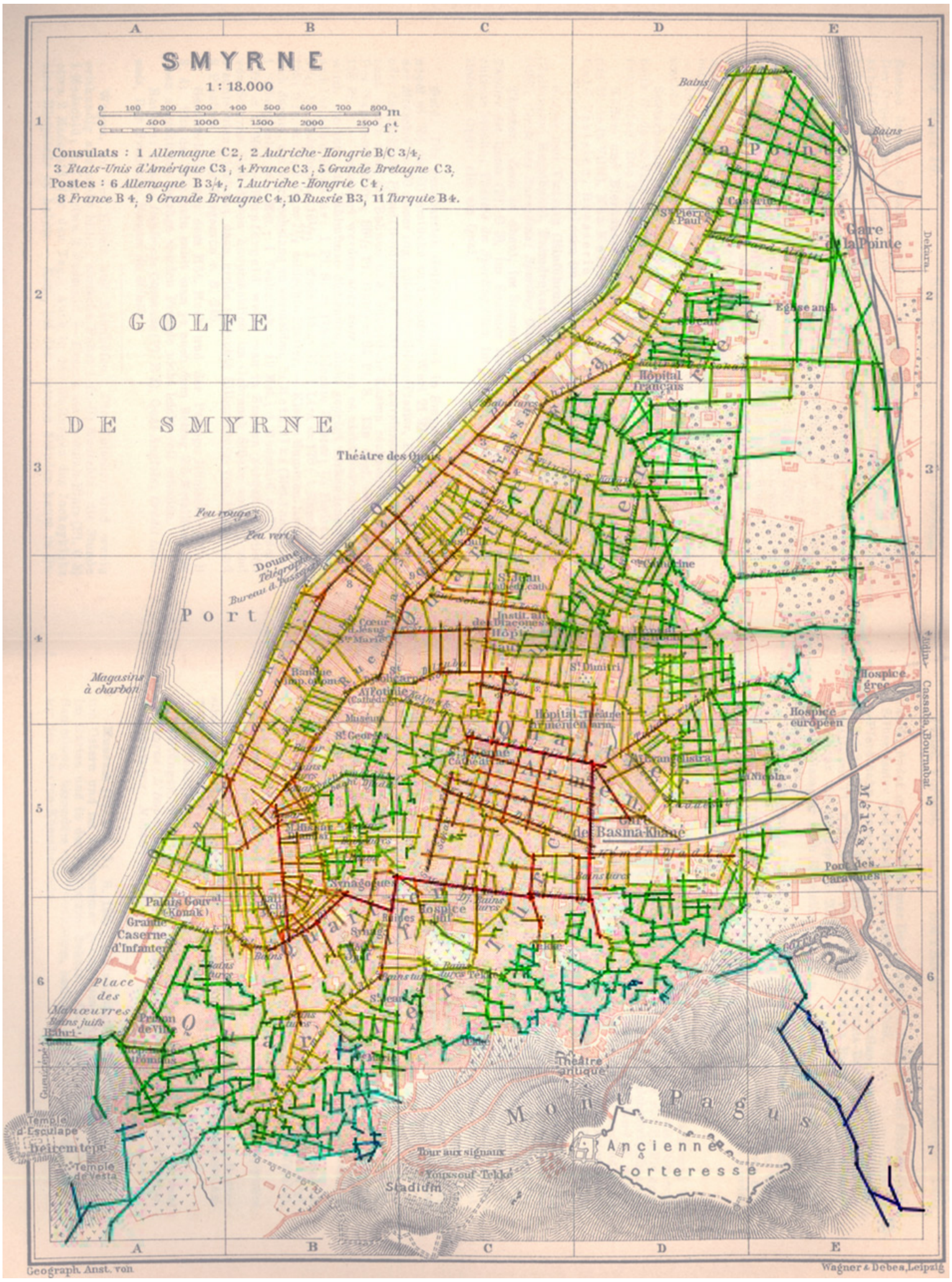


Figure 4.20. "Global Integration" Graph in Izmir 1905

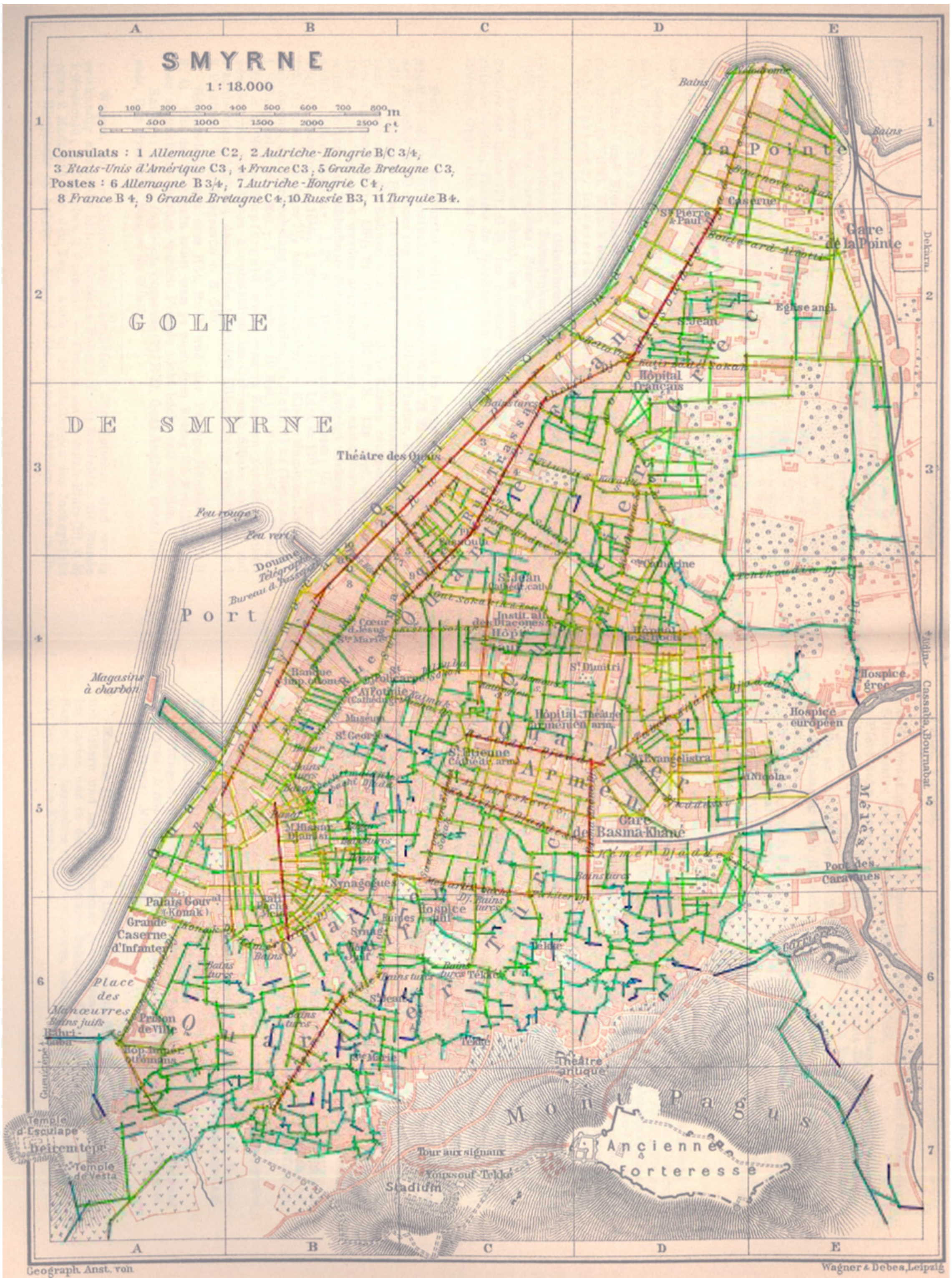


Figure 4.21. "Local Integration " Graph in Izmir 1905

Figure 4.22. “Metric Choice” Analysis

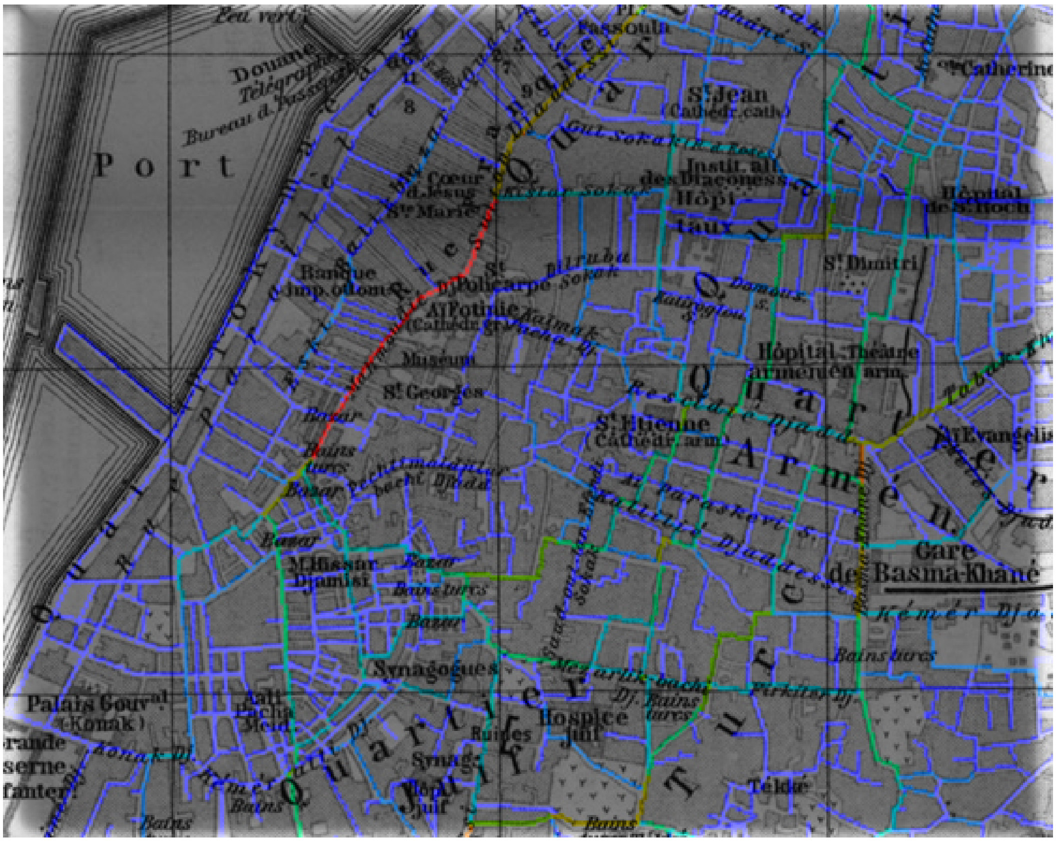


Figure 4.23. “Metric Choice” Analysis (detail)

CHAPTER 5

URBAN MORPHOLOGY AND GEOMETRIC ANALYSIS

Urban morphology is the study of the city as a human habitat. (Moudon 1997) Urban morphological analysis is of great importance in the field of urban studies, and urban form can be analyzed at different levels and with different approaches. Geometric analysis is an important part of urban morphological research since it provides valuable information while analyzing the physical elements of urban environments.

5.1. Urban morphology: How and Why?

In general, morphological analysis is based on three principles:

1. Urban form is defined by three fundamental physical elements: buildings, and their related open spaces, plots or lots, and streets.
2. Urban form can be understood at different levels of resolution. Commonly, four are organized, corresponding to the building/lot, the street/block, the city, and the region.
3. Urban form can only be understood historically since the elements of which it is comprised undergo continuous transformation and replacement.

Although most of the morphological analysis research is carried out for the purposes of theory building, several distinct purposes exist among urban studies which yield different kind of theories. They are, as follows:

1. The study of urban form for descriptive and explanatory purposes, with the aim of developing a theory of city building. Such studies are concerned with how cities are built and why.
2. The study of urban form for prescriptive purposes, with the aim of developing a theory of city design. Such studies concentrate on how cities should be built, and to try to develop a theory of building design resting on historical city-building traditions.
3. The study of urban form to assess the impact of past design theories on city building. This is in the realm of design criticism, which makes the sophisticated

distinction between the theory of design "as idea", and the theory of design "as practiced". Such studies assess the differences or similarities between stated directives about what should be built (normative theories) and what has actually been built.

What is interesting to research is the urban fabric and its implications to social life. It is a scientific problem to describe and explain the relation between space and life. It is a professional problem how to design the urban fabric to attain social and other goals in society. If the urban fabric promotes social and other types of sustainability or not is a relevant problem in the society. (Klarqvist 1997)

It is possible to describe and analyze the morphological evolution of a settlement based on its historical, physical and social aspects, with the objective to identify the space qualities and the main elements that had influenced in the morphology. (Santos 1999)

5.2. Objective Morphology

The term "objective morphology" is used basically to represent the real physical structure of the urban environment regardless of its variation according to different people's behaviors and perceptions. In an urban setting, the components of the physical urban environment are numerous and located in complex relations. About how the objective morphology is analyzed, one of the most considerable works is done by Lynch and Rodwin (1958). In the analytical system, they have collected the components of urban form that are defined under two major groups. The first group is named as the "flow system" and the other is "distribution of adapted space".

These groups are derived from two basis activities, he flows of men and goods and more localized activities such as recreation, exchange, production or sleeping. Thus, the adapted space may include, enclosed space, building or sheltered space, parks etc. And the flow system may include streets and entry foyers. However, the square may be included in both groups because of having both activities. But the important thing is that the square is the physical element whatever its function is, may be ignored, since the analysis is focused on the physical structure. The major concept is all types of components that are present in the area must be defined carefully. The system refers these analytical categories:

1. Element Type: The basic types of space and of flow facilities can be described qualitatively in their most significant aspects, including the extent to which the different types are differentiated in character, or to which they grade into each other.
2. Quantity
3. Density
4. Grain
5. Focal organization
6. Generalized spatial distribution

This analytical system may be accepted as a basis for the observation of objective morphology, since it provides to set the types, configurations systems, and interrelations of the components as they are.

5.3. Subjective Morphology

The objective morphology represents the physical phenomenal environment. But, according to different people, "places and areas, relations and orientational systems, distances and barriers, are all subjective to a degree and are also evaluated differently and given different relative importance. It seems likely therefore that subjective urban morphology – the city as experienced and understood – may be quite different for different groups… This subjective morphology my also be quite different to the plan form…" (Rapoport 1977)

Subjective morphology as defined by an individual is thought to be parallel to his mental map or result of his cognition about the city such as, "knowing and giving meaning to the environment by selecting direct and indirect information from it, with variable stress on different sensory modalities and the noticeable differences used and through the coding and taxonomic conventions specific to the cognitive style". (Rapoport 1977)

The process of man-environment relations should be considered in three similar but different stages.

1. Environmental Perception, is the sensory experience of the stimulus from the physical phenomenal environment

2. Environmental Cognition, refers to the accumulation of perceived stimulus or the knowledge of people about the environment, creating their mental maps,
3. Environmental Evaluation and Preference, includes the man's locational, behavioral and orientational preferences.

The evaluation of man-environment relations can be approached from the urban environment point of view. In other words, the concern can focus on "how the environment stimulates people in order to set their cognitions and behavioral preferences". The environmental behaviors can be handled as "how they are reflected by the environment" The term "legibility" of the environment can be used to represent what the environment submits to people rather than how individuals perceive. Similarly, environmental cognition, defined as mental map of the physical structure can be handled as identity, and the physical indicator of the preferences is considered as related to the vitality of the environment.

5.4. Urban Morphology and Computers

Especially in the last two decades, a number of disciplines have developed, or adapted computer software to process and analyze spatial information. Within the fields of planning, geography, biology, and archeology, for example, such programs now have an important role in research. Within urban morphology also they have become a significant research tool. Within historical urban morphology in particular, computer programs for analyzing spatial information present a number opportunities in urban analysis.

The main advantage of the new technology is that it makes time-consuming operations easier, quicker, and sometimes more accurate. In addition the visual aspect of this technology has advantages, and by using Geographical Information Systems (GIS) it is possible to analyze data themselves contain no direct spatial references. (Jiang, et al. 2000, Osmond 2007)

5.5. The effects of block size and form

In urban morphological studies, street systems and building blocks have received considerable attention from the researchers in the discipline. Especially, research made by M.R.G. Conzen and the geographers of the Urban Morphology Research Group at the University of Birmingham led to the development of new methods and techniques of town-plan analysis. Research has also been done in the fifties by Keyser and Muratori and in the following decades in the Netherlands by Visser in the town of Schoonhoven and by Van Oerle on Leiden. In all these studies, the town plan forms the basis, usually derived from the first cadastral plan, since this is usually the earliest accurate representation of plot boundaries. Once the street pattern and building blocks could be established, it would be possible to start with other studies. (Koster 1998)

The city block is a fundamental element of the physical structure of urban areas. (Siksna 1997) Throughout history, towns and cities have generally been laid out in relatively simple patterns of streets and blocks, both in planned and unplanned settlements. Therefore, it might be expected that the properties of different sizes, shapes and arrangements of blocks would be well-known and documented. However, this is not the case. Though some aspects have been studied, there is little consolidated knowledge about the properties and performance characteristics of different block sizes, shapes and arrangements in terms of circulation, form, geometry and other aspects.

It would be necessary to have comparative factual information about the types, shapes, sizes, and arrangements of blocks employed in different periods and places, and about their relative performance in meeting different urban purposes. Urban morphological research attempts to provide such comparative information by examining the block forms and sizes used in the main historical periods of new town foundation – Greek, Roman, medieval, and in America.

5.6. Shape Characteristics and Shape Analysis

Shape might seem like a simple concept, although in actuality, the human visual/perceptual mechanism for distinguishing and recognizing shape is complex. Consequently, shape is also complex in a mathematical context. Unlike measurements for area or perimeter, the definition of shape is based on linguistic expressions and human intuition. Presently, mathematics and statistics are not in a position where shape can be reduced to a single number. Due to complexity of the concept, a single numerical representation of shape may be impossible to achieve. (Wentz 1997)

The problem with evaluating the indices based on a list of criteria is that the original definition of a shape index is too simplistic. Understanding the geometric form of an urban block may require something that does not simply match human intuition; consequently these criteria are too narrowly and defined. Ease of calculation, another one of the defined criteria, is important in the implementation phase, but should not be a deterrent if the interpretation is easy and it describes geometric form.

Shape analysis is the process of building fundamental units for identifying and describing patterns in an urban environment. The requirements for this process are to describe shape, including a distinction between regular and irregular shapes, and to answer questions regarding shape (Pavlidis 1978, Moellering and Rayner 198,; Ehler, et al. 1996, Xia 1996). Describing shape involves identifying the outside boundary of an object in space. Another component to the description of shape involves the description of both regular and irregular shapes. Regular geometric shapes, such as circles, squares, and triangles can be described in a simpler way. Irregular shapes, however, can be highly complex with infinite variations and are more likely to appear in a geographical context.

An index to describe shape and allow for comparisons must meet several specific criteria. MacEachren states that "the first [criterion] is to develop a measure of shape uniqueness by which any shape can be distinguished from all other shapes and similar shapes result in similar descriptions" (MacEachren 1985). The ideal shape index would meet the following criteria:

1) Each unique shape is represented with a unique number;
2) Independent under translation, rotation, size, and scale change;
3) Match human intuition;
4) Deals with regions that contain holes;
5) Easy to calculate and interpret the results.

Numerous indices have been suggested varying from simple area and perimeter calculations, to complex indices using sophisticated mathematical functions. The evidence that no method exists is suggested in a review of "successful" implementations of shape indices. For example, in geography Frolov (1975) and later, MacEachren (1985) summarized techniques to measure the compactness of regions. Frolov focuses on the history of the various approaches, but MacEachren summarized and categorized die indices. MacEachren provides a systematic comparison of the various methods but never suggested any single approach as the best method for measuring shape.

5.7. Categories of Shape Indices

Three general categories of existing shape indices can be identified by applying the approaches from research in other fields combined with a geographic definition of shape analysis. These categories are in contrast to the ones suggested by Pavlidis (1978), or MacEachren (1985). The Pavlidis categories were limited to measures for shape recognition (e.g., character recognition). He defined two categories based on whether they examine only the boundary or the whole area and whether they describe objects based on scalar measurements or through structural descriptions. MacEachren evaluated only measures that were based on compactness, which have been combined into one category for the research and will be described in this section. The categories presented here, on the other hand, include the types of indices Pavlidis describes for shape recognition and the compactness measures described by MacEachren plus a broader range of indices. These categories are compactness measures, boundary measures, and components measures.

5.7.1. Compactness Measures

Shape is often characterized through a compactness indicator, which describes the form of a given region based on how far it deviates from a specified norm (e.g., circle, square, or triangle). The regular shape (normally a circle) is given the value 1.0 and less compact regions are typically less than 1.0 (e.g., 0.54343), where the smaller the number it is, the further it is from a non-circular region. The method for calculating this number utilizes one or more of the geometric parameters of the region being measured, such as area or perimeter. The parameters used and the mathematical equation depend on the feature of shape being measured, such as elongation or indentation.

5.7.2. Boundary Measures

Boundary measures describe shapes by outlining the perimeter of the block form. The index is assigned based on the technique, mathematical or otherwise, used to outline it. Several of these approaches have been applied to geographic examples, but many have not. Some of the boundary measures that have been applied in geographic applications include Fourier series, fractal analysis, Hough transforms, and Freeman chain codes. Several of theses indices are independent of rotation, scale, and translation, and provide a technique to regenerate the region; they do not provide a single index that can be used to compare the shapes of regions.

5.7.3. Component Measures

The final category of shape indices are the components measures. These measures describe the form of a block by deconstructing the block into combinations of regular shapes such as squares, circles, and triangles, as suggested in the computer science literature. The number and type of regular shapes, and possibly other parameters, become the index. This is necessary if comparisons are to be made between regions because it is conceivable that two different regions could be made up of the same combination of regular shapes, but because of different organizations, the visual shape of the regions would be different.

The strength of the components measure is that it breaks irregular shapes into regular shapes, which can then be numerically defined. There are, however, many weaknesses. The primary weaknesses of the components measures are they generally do not maintain topology and consequently they do not retain the same characteristics under translation and rotation. Additionally, complex regions result in complex indices, which are difficult to interpret and tend to oversimplify the original shape of the block.

5.8. Re-defining Shape

Using existing measures to identify distinct properties of shape rather than expect any single measure to capture all aspect of shape is a better approach because these individual properties are important in themselves. In this way, it may be possible to identify similar regions that may not be classified as similar had they been evaluated visually. For example, two shapes with similar edge roughness may be classified "similar", even though their geometric form or compactness may be quite different (Wentz 1997).

The results from assessment of shape analysis in today's techniques could be taken in several directions. One possibility is to redefine shape. This research is proposing a new means of characterizing shape involving deconstructing shape into components, where each component can be represented with a number. This method is similar to the way color (also visually and conceptually simple) is separated into hue, saturation, and value. In the case of shape, the properties proposed are compactness, edge complexity and grid similarity. Existing indices, from each of the three categories of existing shape indices, could be applied to quantify the different properties of shape. Boundary measures are the best at assessing edge complexity, compactness measures, as the name implies, evaluates most effectively the closeness to a compact form such as a circle, and square.

5.8.1. Shape (Compactness) Index (SCI)

Metric measures, such as area and perimeter, are dependent on scale of the urban block. The ratio between the values of area and perimeter are also dependent on size of the shape and so the problem of scale would be a concern here. For example, Area/Perimeter (A/P) ratios for a rectangle of the same shape increases as the size of that particular shape increases. For the purpose of this thesis, it is still possible to find a ratio that works independent of size. The basic ratio of a shape's area to the square of its parameter would easily fix this situation. (McGillis 2006, Gillman 2001) For instance, if we calculate this ratio for a square (which has four equal sides), the formula will always give a 1/16 ratio, which is equal to 0,0625; for a circle, which is accepted as the most compact shape, the ratio will always give a value around 0,08. If we take a rectangle which has an 1 to 2 edge ratio, then the formula then is equal to 0,0556, as you elongate the rectangle up to an infinitely long and narrow shape, this index approximates to 0. But, for the purpose of our study, shape compactness index should be within the range of 0 to 1, the most compact shape as being equal to 1, in order to calculate and interpret the results easily. For this reason, the ratio for a circle, which is the most compact shape, should be normalized to a value that is equal to 1. In order to do this, the ratio of A/P2 should be multiplied with a constant value. The formula for a circle would be like $\pi r^2 / (2\pi r)^2$ and multiplication by a constant number like 4π. Then this index always gives the same value for the similar shape characteristics without depending on the size and scale of that particular shape.

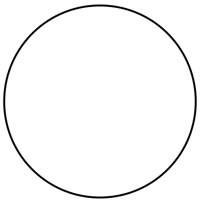
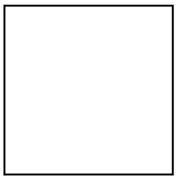
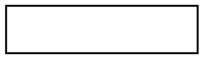
			
CIRCLE	SQUARE	RECTANGLE (1:2)	RECTANGLE (1:4)
$A/P^2 = 0{,}0796$	$A/P^2 = 0{,}0625$	$A/P^2 = 0{,}0556$	$A/P^2 = 0{,}04$
$4\pi\ (A/P^2) = 1$	$4\pi\ (A/P^2) = 0{,}79$	$4\pi\ (A/P^2) = 0{,}698$	$4\pi\ (A/P^2) = 0{,}502$

Figure 5.1. Sample calculations of SCI value for some basic shapes

5.8.2. Edge Complexity Index (ECI)

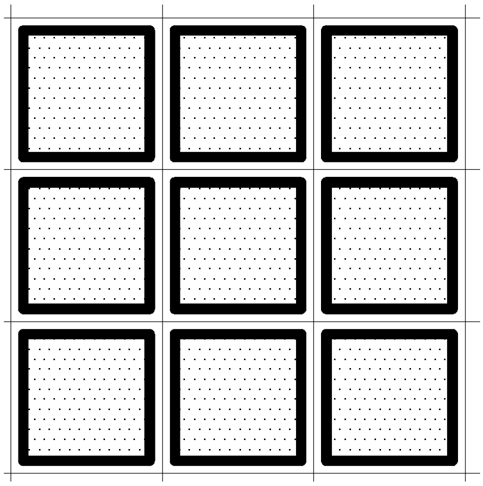
Edge complexity is another concern in the evaluation of block geometry. This index will be evaluated in an urban environment according The building block is expected to be rectangular in shape for a regular axial grid. Ratio of total length of all perimeters in a system divided by mean segment length. This ratio is then divided to a constant value of 4, which is the number of edges in a rectangle. By doing this, this index has the ability to compare the edge complexity of the blocks within a particular urban environment to a regular orthogonal layout.

5.8.3. Grid Similarity Index (GSI)

This variable allows making the comparison of each axial system to an orthogonal perfect grid with the same number of building blocks. Therefore, by this comparison it is possible to state the difference between the order properties of the two axial systems unequivocally in their numerical forms. The root square of GSI is defined as follows:

$$GSI = \frac{(\sqrt{N_b} \times 2) + 2}{N_{ax}} \qquad (5.1)$$

In the formula, N_b is the number of urban building blocks and N_{ax} is the number of axial lines. This formula resembles the "grid axiality" concept brought by Istek (1999).



If we set up a hypothetical built environment, shown on the left, as a perfect grid, has 9 building blocks and 8 axes within the system. So according to the formula [(√9x2) +2]/8, this perfect grid system's GSI value is equal to 1. The perfect grid systems with 4x4, 5x5, etc. blocks always gives the value of 1.

Figure 5.2. Hypothetical Perfect Urban Grid and Calculation of GSI value

The result is a value between 0 and 1, where higher values indicate a stronger approximation to a perfect orthogonal grid and lower values a greater degree of axial grid deformation.

5.9. Geometric Analysis of Izmir 1905

As mentioned earlier, the city block is a fundamental element of the physical structure of urban areas. Digital map of Izmir that belongs to the year 1905 with building blocks for analysis has been prepared. The total number of building blocks has been counted, which resulted in a value of 758. Mean values for urban block area and perimeter have been calculated, these were 3814 m2 and 263 m. respectively. Total block area and total length of perimeter have also been calculated. The following table 5.3 summarizes the key results and findings from the map. The first column is an "all-areas" containing the five ethnic districts, blocks in the commercial center, and some mixed-use and unidentified blocks.

Table 5.1. Urban Fabric – Block Pattern - Summary of Metric Data

	All Areas	All Areas (excluding commercial center)
# of Blocks	758	627
Mean Block Area (m^2)	3813,96	4158,68
Mean Block Perimeter (m)	262,61	273,47
Total Block Area (ha)	289,10	260,75
Total Block Perimeter (km)	199,06	171,47

The analysis of the city blocks were then reduced to a total number of 627, by excluding the building blocks in the commercial center of the city, also known as Kemeralti region. The commercial center showed some inconsistencies with the properties of the ethnic districts, and the change in mean values in the second column proves this idea. For the remaining urban blocks, mean block area increased to 4159 m2 and mean block perimeter reached to a value of 261 m. The same change is also valid for grid similarity index, which decreased to a value of 0,32 from 0,36.

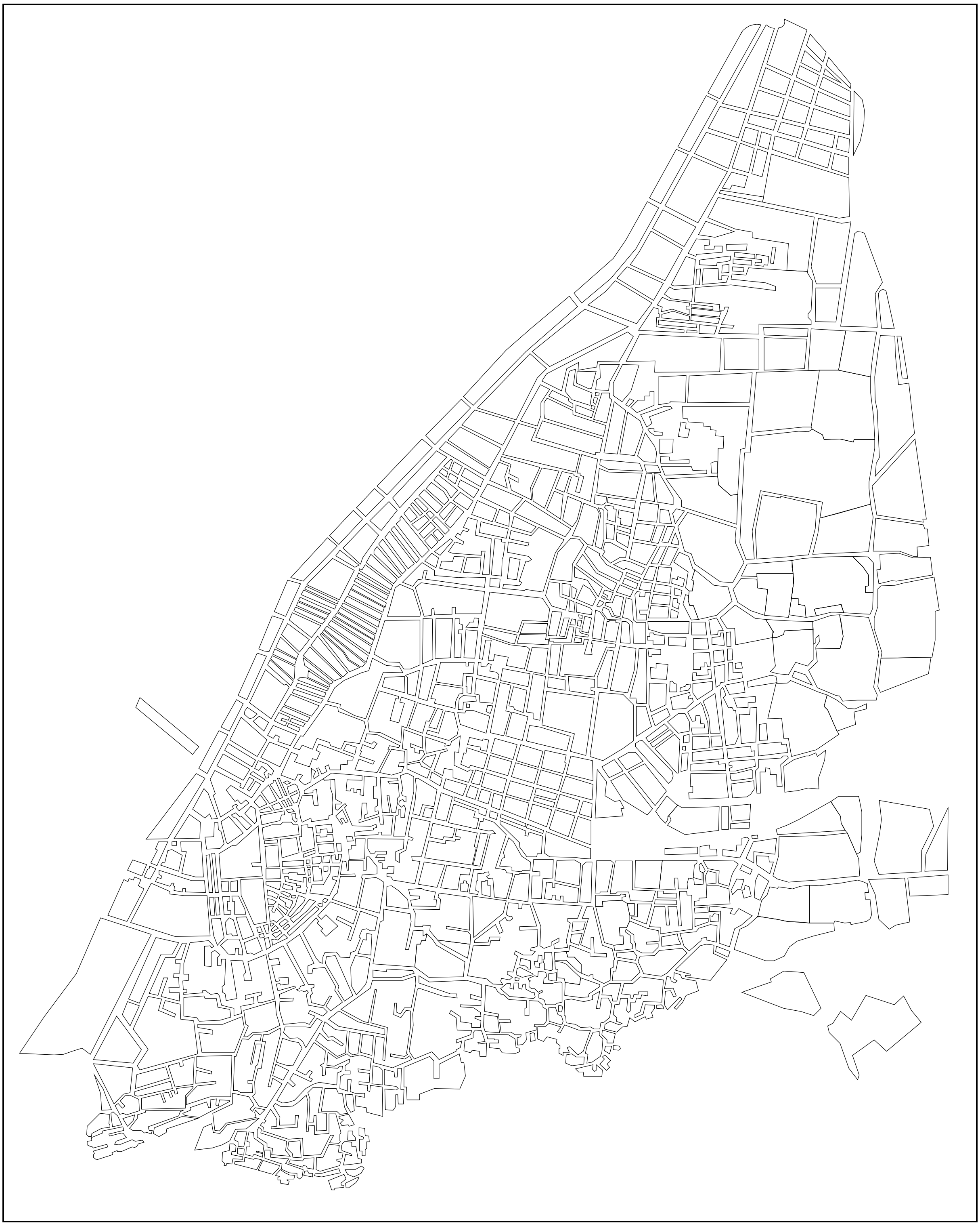


Figure 5.3. Digital Map of Building Blocks in Izmir 1905 Map

Mean shape index values have not significantly changed. The indices of Shape Compactness, Edge Complexity, Grid Similarity represent the mean values since a mixture of various urban environments has been included with different properties, in a sense, making a generalization for the whole city.

Table 5.2. Urban Fabric – Block Pattern - Summary of Indices

	All Areas	All Areas (excluding commercial center)
Mean Shape Index	0,57	0,58
Max. Shape Index	0,85	0,85
Min. Shape Index	0,10	0,13
Edge Complexity Index		
Grid Similarity Index	0,36	0,32

The following chapter will focus on each district's geometric properties separately, and these results and values will show how each neighborhood differentiates from the rest of the city.

CHAPTER 6

CASE STUDY

6.1. Integration of Methods

The methods and techniques explained in the previous two chapters –chapters 4 and 5 respectively- in quantifying urban morphology of various urban formations will be integrated, so as to be able explain the differentiation and characteristics of each district.

Street network and pattern identification is critical in understanding spatial relations, and network, pattern, and shape are closely linked. Consequently, for clarity in this research, a clear analysis of pattern and shape is made. This analysis provides the basis for a detailed description of shape analysis and definition of shape indices in the context of studying urban scale phenomena.

As mentioned earlier within the scope of the previous chapter, shape analysis is the process of building fundamental units for identifying and describing patterns in the townscape. The requirements for this process are to describe shape, including a distinction between regular and irregular shapes, and to answer questions regarding shape layouts such as gridal systems.

The local to global correlations or the so-called local/global interface, in the essence, the above concepts have to contribute to the fact that individuals can live in a complex and dense social context "without getting on each others nerves". Common interest and global quality can only be sustainable if it is defined as the best compromise between the individual interests or perceived qualities. Individuals are simultaneously transspatial (or global) because of their intentions, and local because of their reactions; they think global and act or react local.

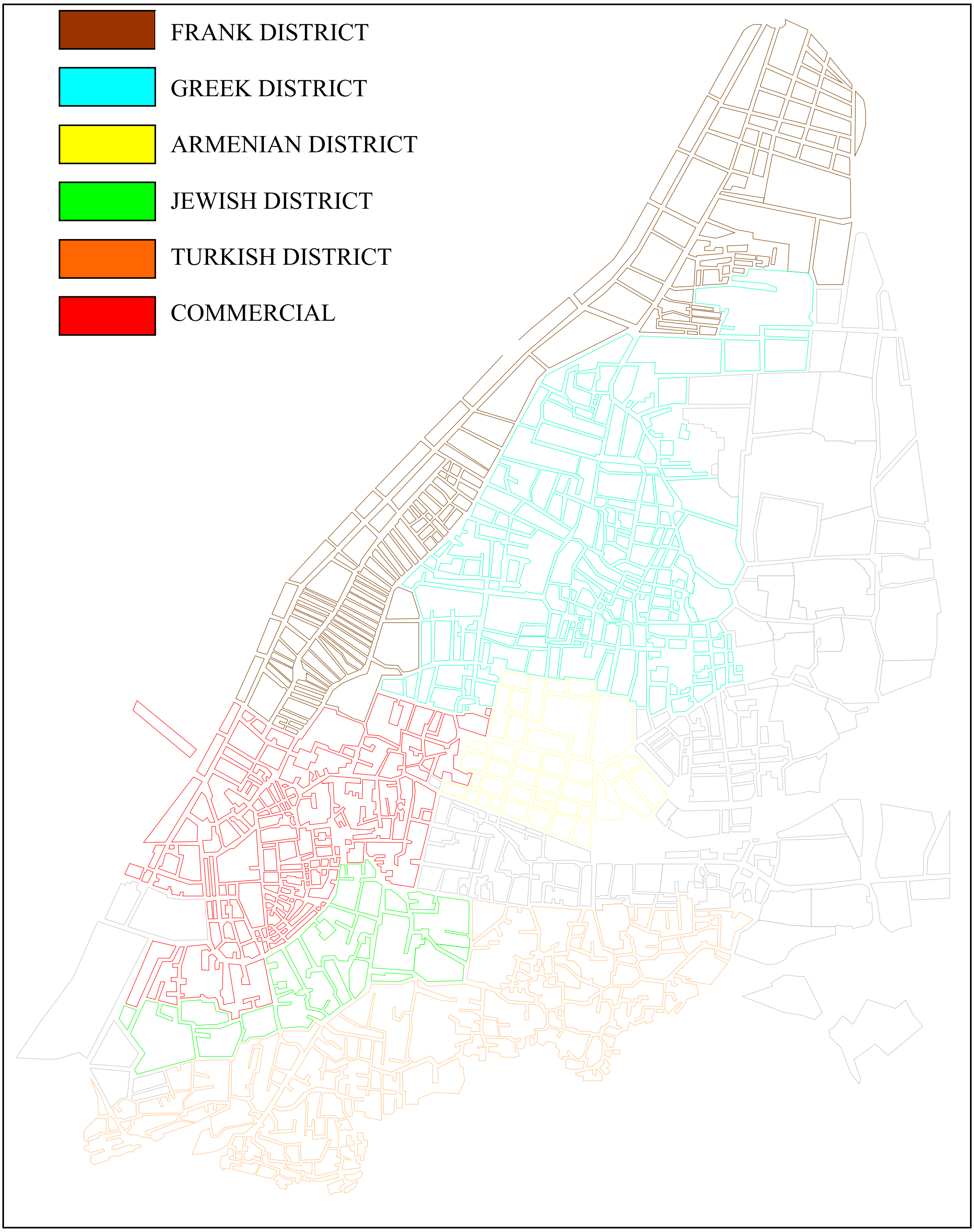


Figure 6.1. Digital version of 1905 Map showing districts

6.2. The Urban Structural Unit

The multiplicity of methods for classifying urban form needs careful urban analysis and by extension, urban design. Modification of the urban structural unit, originally devised to facilitate assessment of the metabolism of urban systems (Pauleit and Duhme 1998), provides the foundation for a rigorous and replicable classification framework. In this framework, urban fabric and pattern with its building blocks and street network with its axes play a key role.

6.3. Measures of the Street Network

6.3.1. Metric Measures

Metric measures can be avaluated in two sections, one for street network and the other for urban building blocks. Measures of street configuration and urban block geometry describe properties of the city as a physical artifact, but also properties of the street network as a framework within which other kinds of morphology vary over time. Traditionally, the design of the network of streets, whether determined according to an overall plan, or emergent according to an incremental process, has been the foundation for the creation of the city.

Cities are not only certain kinds of quantitative measures or physical data. They are also certain patterns of configuring density per parcel, block, street and, more importantly, per configurational principle applied to the design of street networks.

6.3.2. Non-metric Measures

Intelligibility is the degree of correlation between the connectivity and integration values of each space. A spatial configuration's intelligibility is an important phenomenon to urban analysis. The space syntax defines the intelligibility of layouts in terms of the relationship between the local and global properties. This definition suggests that a spatial system is intelligible, or understandable, when the information which is directly available (connectivity) to the user gives a good sense of position with regard to the layout as a whole (integration). Intelligibility addresses the way people can learn about large patterns from their experience of small parts. It is a spatial variable, which describes a layout system as a whole. Intelligibility is defined as the correlation between the integration and connectivity values. The precise measure of intelligibility is the linear correlation between the integration value and the connectivity of all the spaces of a system. The higher the correlation the more one can infer location within the layout system as a whole according to directly available information.

Using existing measures to identify distinct properties of shape rather than expect any single measure to capture all aspect of shape is a better approach because these individual properties are important in themselves. In this way, it may be possible to identify similar regions that may not be classified as similar had they been evaluated visually. For example, two shapes with similar edge roughness may be classified "similar", even though their geometric form or compactness may be quite different.

6.4. Measures of the Building Block

The results from the present assessment of shape analysis in Chapter 5 could be taken in several directions. One possibility is to redefine shape. This research is proposing a new means of characterizing shape involving deconstructing shape into components, where each component can be represented with a number. This method is similar to the way color (also visually and conceptually simple) is separated into hue, saturation, and value. In the case of shape, the properties proposed are edge roughness, compactness, and geometric form. Existing indices, from each of the three categories of existing shape indices, could be applied to quantify the different properties of shape. These indices are listed in the previous chapter, as shape compactness index, edge complexity index, and grid similarity index. These indices will be used as quantitative measures to evaluate the urban fabric.

6.5. The Sample Areas

A sample of 6 areas were selected to include sections of the late 19th century core of the city of Izmir; areas developed as ethnic neighborhoods in the 1800s such as; Armenian district around Basmane Central Station, Frank district's central region around "Rue de Frank" and Punta regions, and Turkish district.

Each area is initially defined by placing a circle with a diameter of 500 m. over the street network, usually centered at what was held to be the center of an area of interest. At this stage, each urban area consists nearly 20 hectares of land, but the 250 m radius circle cuts through the urban blocks at the periphery of the area of interest. In order to include in the analysis only complete urban blocks, and the road segments surrounding them, it was necessary to extend the areas to take into account not only blocks fully contained by the original 500 m. diameter circle, but also blocks intersected by it and blocks that might be contained within the blocks intersected. In this case, a block is defined as a polygon of urban land fully surrounded but not traversed by road segments. As a result of our strategy, some extended areas covered considerably more than the original 20 ha samples. These areas are shown in Figure 6.2 on the 1905 map of Izmir.

Measures of street configuration and urban block geometry describe properties of the city as a physical artifact, but also properties of the street network as a framework within which other kinds of morphology vary over time. Traditionally, the design of the network of streets, whether determined according to an overall plan, or emergent according to an incremental process, has been the foundation for the creation of the city.

Cities are not only certain kinds of quantitative measures or physical data. They are also certain patterns of configuring density per parcel, block, street and, more importantly, per configurational principle applied to the design of street networks. The street network and urban block pattern will be analyzed quantitatively in these sample areas.

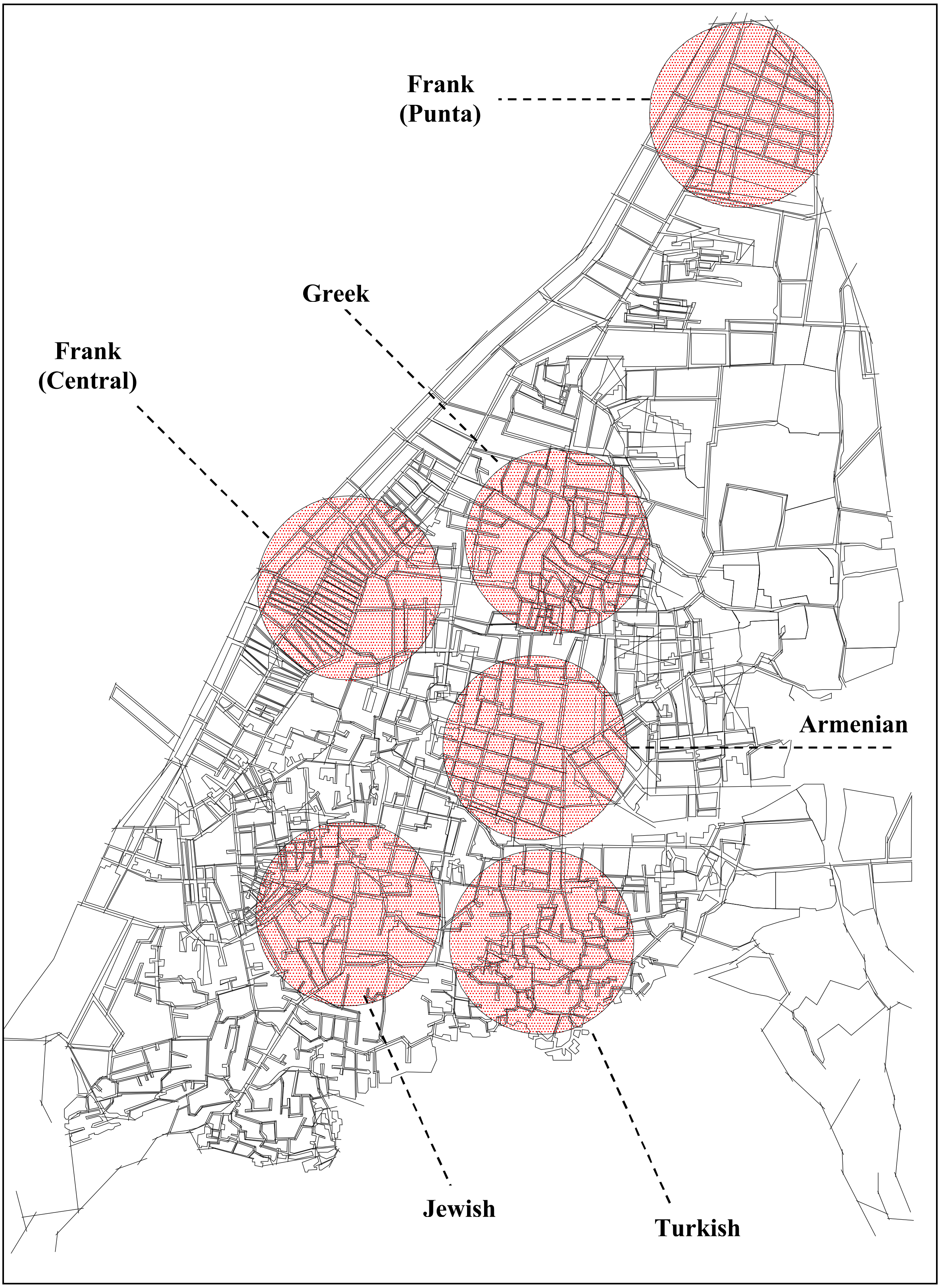


Figure 6.2. The Sample Areas

Table 6.1. Parameters used in quantifying urban morphology

Medium	Data Type/Class	Content	1st Order	Unit	2nd Order	
Syntactic Properties (Street Network)	Metric Data	dimensions	Axial Length	m.	Mean Ax./Segm. Length	m.
			Segment Length	m.	Total Axial Length	km.
	Non-metric Data	indices	Connectivity	N/A	Mean Connectivity	N/A
			Global Integration	N/A	Mean Integration	N/A
			Local Integration	N/A	Intelligibility (Rn-Conn.)	N/A
			RRA	N/A	R2 (Rn-R3)	N/A
				N/A	R2 (RRAn-R3)	N/A
	Countable Data	Amount (Quantity)	No. of Axes	#		#
			No. of Segments	#		#
			Node Count	#		#
	Density Characteristics	Amount in unit area			Axial Density	/ha
					Segment Density	
					Nodal Density	
Geometric Properties (Urban Fabric)	Metric		Area		Mean Block Area	
			Perimeter		Mean Block Perimeter	
	Non-metric	indices	A/P Ratio	N/A	Shape Index	
				N/A	Edge Complexity	
				N/A	Grid Similarity	
	Countable Data	(Quantity)	No. of Blocks			
	Density	Amount in unit area			Block Density	
		Area in unit area			Building Area Density	

6.6. Results and Evaluations

The street system is stable over relatively long periods of time and acts as a framework for changes in urban environments. The defined indices were the non-metric data obtained from the methods and techniques used within the thesis and these indices, related with syntactic and geometric analysis of urban environments, have been set up so as to describe the morphological properties of that particular district.

Table 6.2. Urban Fabric & Scattergrams for Armenian and Frank Districts (Upper Scattergram: Global vs. Local Integration; Lower Scattergram: Intelligibility vs. Connectivity)

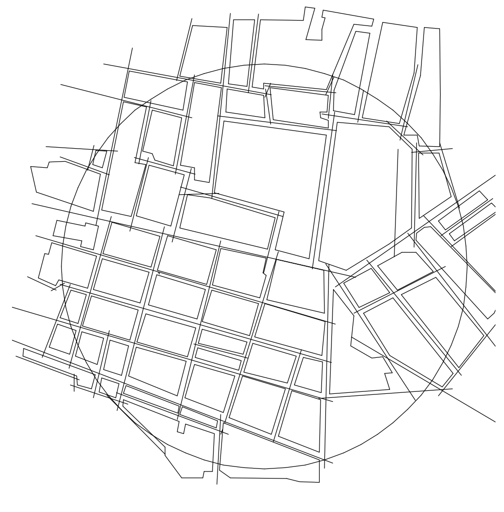
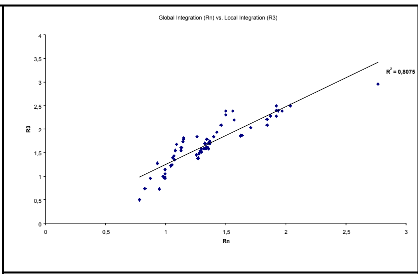
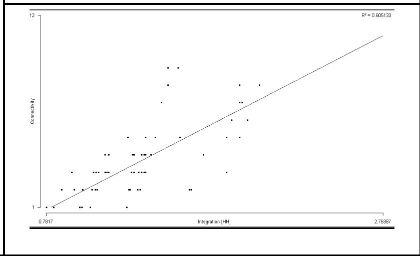
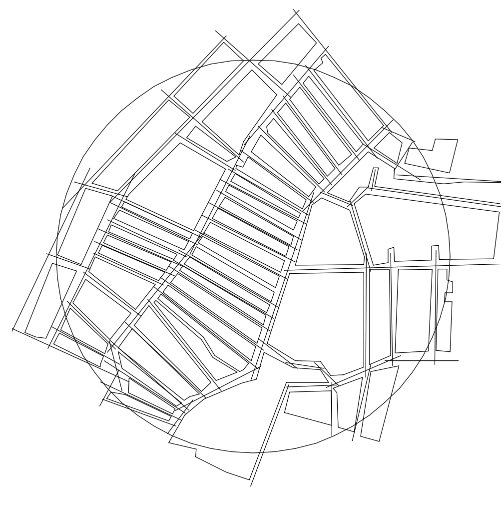
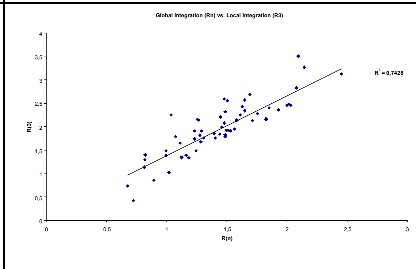
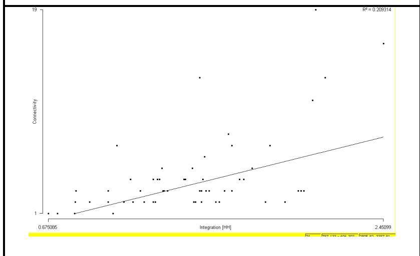
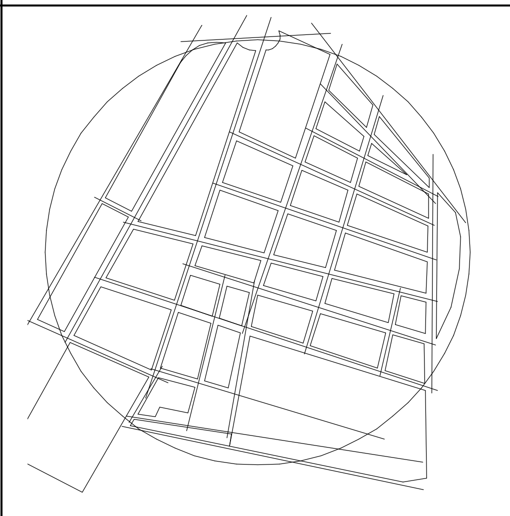
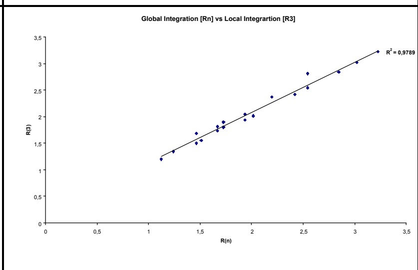
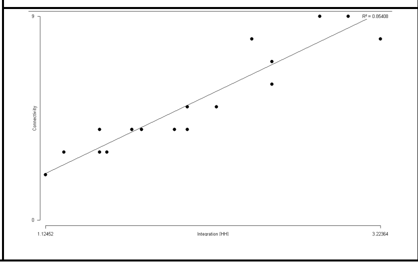
<table>
<tr><td rowspan="2">A R M E N I A N</td><td rowspan="2"></td><td></td><td>Global (Rn) Vs. Local (R3) Integration R^2=0,81</td></tr>
<tr><td></td><td>Intelligibility (Rn) vs. Connectivity R^2=0,61</td></tr>
<tr><td rowspan="2">F R A N K - C -</td><td rowspan="2"></td><td></td><td>Global (Rn) Vs. Local (R3) Integration R^2=0,74</td></tr>
<tr><td></td><td>Intelligibility (Rn) vs. Connectivity R^2=0,21</td></tr>
<tr><td rowspan="2">F R A N K - P -</td><td rowspan="2"></td><td></td><td>Global (Rn) Vs. Local (R3) Integration R^2=0,98</td></tr>
<tr><td></td><td>Intelligibility (Rn) vs. Connectivity R^2=0,85</td></tr>
</table>

Table 6.3. Urban Fabric & Scattergrams for Greek, Jewish and Turkish Districts (Upper Scattergram: Global vs. Local Integration; Lower Scattergram: Intelligibility vs. Connectivity)

<table>
<tr><td rowspan="2">G
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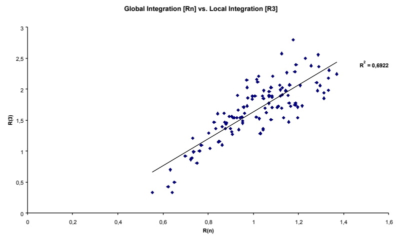
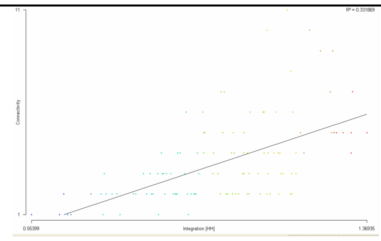
K</td><td rowspan="2"></td><td>
</td><td>Global (Rn)
Vs.
Local (R3)
Integration
R^2=0,69</td></tr>
<tr><td></td><td>Intelligibility
(Rn)
vs.
Connectivity
R^2=0,33</td></tr>
<tr><td rowspan="2">J
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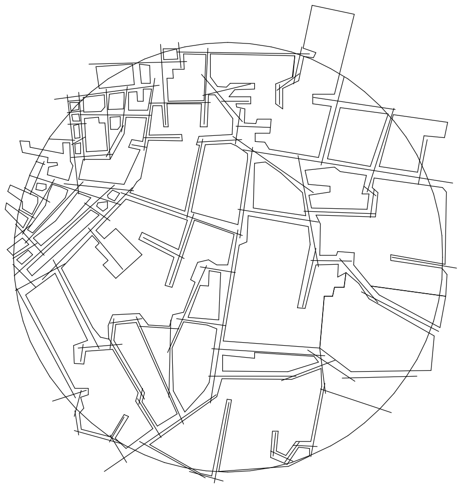
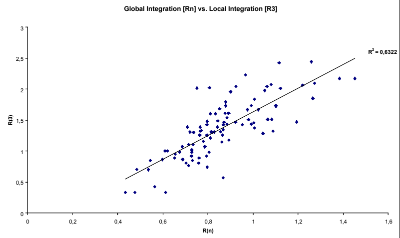
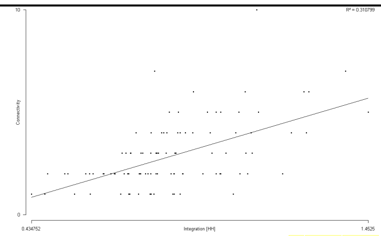
H</td><td rowspan="2"></td><td>
</td><td>Global (Rn)
Vs.
Local (R3)
Integration
R^2=0,63</td></tr>
<tr><td></td><td>Intelligibility
(Rn)
vs.
Connectivity
R^2=0,31</td></tr>
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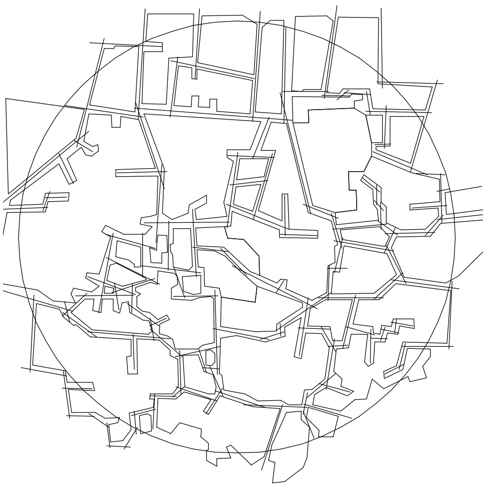
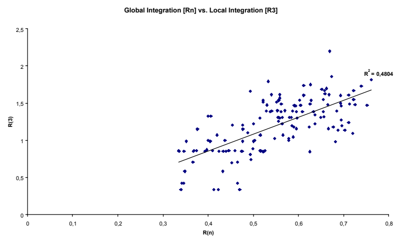
H</td><td rowspan="2"></td><td>
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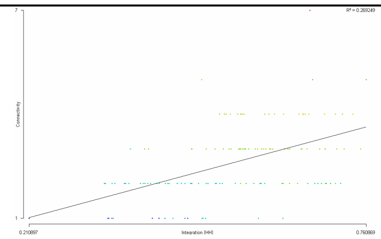
Vs.
Local (R3)
Integration
R^2=0,48</td></tr>
<tr><td></td><td>Intelligibility
(Rn)
vs.
Connectivity
R^2=0,27</td></tr>
</table>

Table 6.4. Street Index and Block Index Values for Armenian District

STREET INDEX	VALUE (1-100)
INT	**61**
R(N-3)	**81**
RRA	**71**

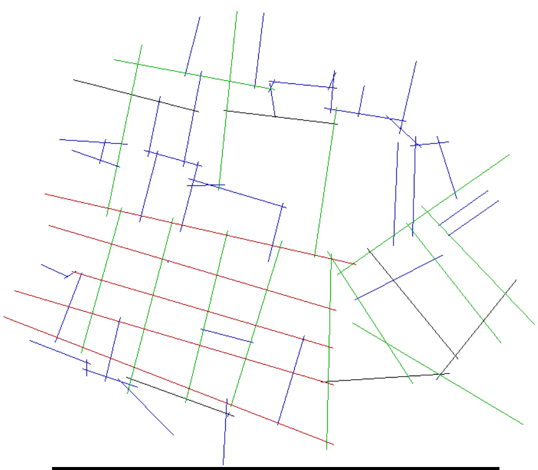
BLOCK INDEX	VALUE (1-100)
SCI	**69**
ECI	**34**
GSI	**26**

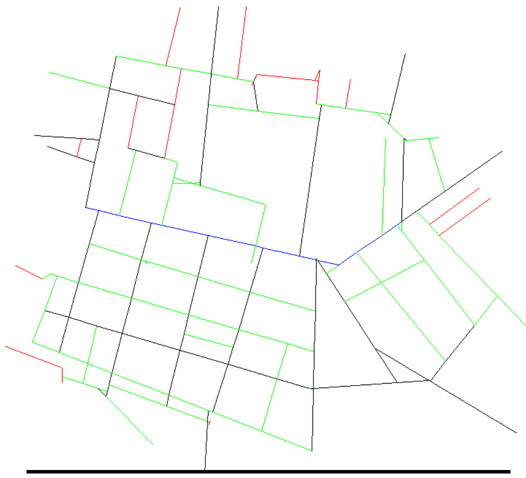
Figure 6.5. Original Map for Armenian Districts

Figure 6.6. Digital Maps for Armenian Districts

The urban phenomenon, in terms of physical structure, is basicly evaluated in two parts: street network and block pattern. The indices for streets and blocks are then reduced and converted to a three-parameter scale in percentage values. These measures of street index can be listed as "intelligibility", "local integration", and "real relative asymmetry". The measures of block index are "shape compactness index", "edge complexity index", and "grid similarity index". These six parameters in total are helpful in understanding and explaining the distinct properties of different urban environments.

Table 6.5. Street Network - Summary of Metric Data Analysis for Armenian District





Axial Length (Armenian)	
Mean Value	140,175141
Standard Err.	12,6421242
D	100,09706
Standard	102,705103
Co Variance	10548,3382
Skewness	1,62745934
S	1,33181411
Range	456,567762
Max	6,343338
Min	462,9111
Total	9251,55928
Count	66
Max (1)	462,9111
Min (1)	6,343338
T. Level (95,0%)	25,2480653

Segment Length (Armenian)	
Mean Value	42,81726029
Standard Err.	2,09321587
D	39,54744
Standard	28,8529896
Co Variance	832,4950087
Skewness	1,427880042
S	0,921737964
Range	168,149171
Max	3,116529
Min	171,2657
Total	8135,279455
Count	190
Max (1)	171,2657
Min (1)	3,116529
T. Level (95,0%)	4,129067233

Figure 6.5. Original Map for Turkish and Jewish Districts

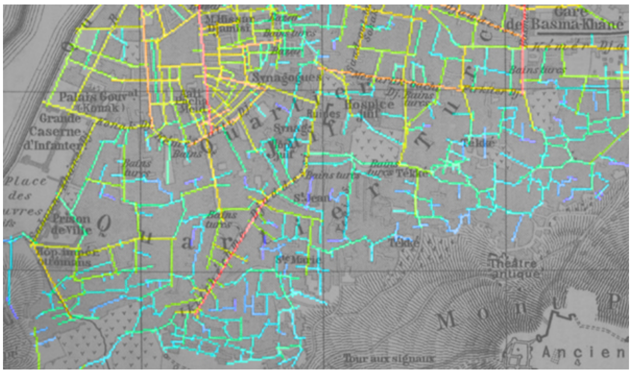


Figure 6.6. Axial Map for Turkish and Jewish Districts

In Table 6.6, the summary of metric data is presented for the street network configuration of ethnic districts. For Armenian and Frank districts, mean axial length values are much higher than the ones for Greek, Jewish and Turkish districts. In contrast, total number of axes and segments are higher for Greek, Jewish and Turkish districts. These results obviously show some kind of proof that these metric measures, which are obtained from axial maps, are quantitative parameters that can represent qualitative properties of urban environments. Especially, Turkish district has the smallest value for mean axial length, and highest total number of axes and segments This can be easily explained with the organic nature of its urban layout.

Figure 6.7. Original Map for European (Frank) District

In Table 6.7, the indices, which are obtained from syntactic analysis, are listed as mean connectivity, global and local integration values, and the statistical relational values beween these integration and Real Relative Asymmetry values. In tables 6.8 and 6.9, the metric measures and indices for urban blocks are listed respectively. These listed measures of urban fabric,

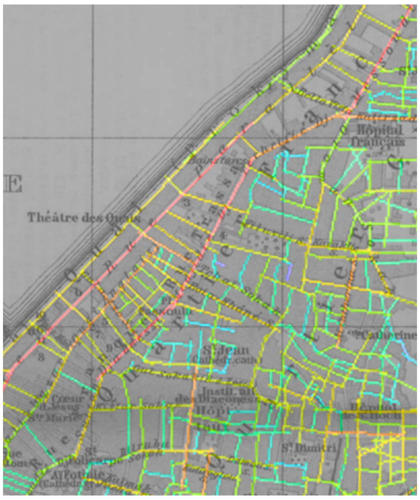


Figure 6.8. Axial Map for European (Frank) District

Table 6.6. Street Network - Summary of Metric Data

Neighborhood	Armenian	Frank (Central)	Frank (Punta)	Greek	Jewish	Turkish
# of Axes	66	74	23	122	106	142
# of Segments	190	165	91	297	195	266
Mean Ax. Length (m.)	140,18	129,68	270,71	84,91	70,13	54,50
Mean Segm. Length (m.)	42,82	51,81	63,11	30,54	32,04	24,94
Total Axial Length (m.)	9251,56	9596,02	6226,33	10358,86	7434,16	7738,31
Max. Axis Length (m.)	462,91	341,82	471,88	281,15	247,55	181,52
Min. Axis Length (m.)	6,34	26,87	62,01	20,65	11,44	15,23

Connectivity and global and local integration values are roughly similar for the Armenian district and central part of Frank district, and significantly higher than for Jewish and Turkish street network. Mean axial length is markedly higher for Punta region. Both Greek and Jewish districts show moderate intelligibility. However, Frank district's central part is relatively unintelligible, i.e. local spatial structure is not predictive of the global. Overall, the most highly integrated spaces are located within the Frank district.

Table 6.7. Street Network - Summary of Indices

Neighborhood	Armenian	Frank (Central)	Frank (Punta)	Greek	Jewish	Turkish
Mean Connectivity	3,67	3,68	5,04	3,51	2,85	2,62
Mean R(n)	1,34	1,47	2,01	1,01	0,86	0,55
Mean R(3)	1,67	1,99	2,08	1,65	1,36	1,20
Intelligibility	0,61	0,21	0,85	0,33	0,31	0,27
R^2 [R(n)-R(3)]	0,81	0,74	0,98	0,69	0,63	0,48
R^2 [RRA(n)-RRA(3)]	0,71	0,63	0,97	0,66	0,58	0,59

Table 6.8. Urban Fabric – Block Pattern - Summary of Metric Data

Neighborhood	Armenian	Frank (Central)	Frank (Punta)	Greek	Jewish	Turkish
# of Blocks	57	55	34	80	44	43
Mean Block Area (m^2)	3050,86	2686,70	4271,02	2120,18	3221,44	3921,79
Mean Blo. Perimeter (m)	230,55	260,50	268,26	193,27	248,89	299,31
Total Block Area (ha)	17,39	14,78	14,52	12,47	14,17	12,47
Total Blo. Perimeter (km)	13,14	14,33	9,12	8,97	10,95	8,96

Table 6.9. Urban Fabric – Block Pattern - Summary of Indices

District	Armenian	Frank (Central)	Frank (Punta)	Greek	Jewish	Turkish
Mean Shape Index	0,69	0,44	0,63	0,61	0,49	0,52
Max. Shape Index	0,79	0,19	0,78	0,82	0,78	0,81
Min. Shape Index	0,43	0,80	0,25	0,19	0,16	0,13
Edge Complexity Index	0,34	0,31	0,27	0,40	0,49	0,75
Grid Similarity Index	0,26	0,23	0,59	0,16	0,14	0,11

The results of density in Table 6.10 point to a fundamental conclusion. The density of streets increases in proportion to the density of blocks, which is to the degree of land subdivision. This conclusion is intuitively expected but not less important for that matter. The density of the public network of streets increases to service a larger number of properties, which is a potentially larger number of urban blocks. By implication, the density of streets increases as the intensity of the public/private interface of an urban system increases.

Table 6.10. Summary of Densities for Neighborhoods

Neighborhood	Armenian	Frank (Central)	Frank (Punta)	Greek	Jewish	Turkish
Nodes/ha	9,68	8,41	4,64	15,13	9,93	13,55
Street length/ha	471	489	317	528	379	394
Blocks/ha	2,90	2,80	1,73	4,08	2,24	2,19
Buildable Area/ha	0,89	0,75	0,74	0,64	0,72	0,64

A new quantitative method, based on a limited number of indices of street network and block pattern, has been developed by using morphological measures and tools for analyzing urban form. These indices helped us in defining the physical characteristics of a particular urban environment, specificly the districts in our case, and by the use of these quantitative measures, it has been possible to differentiate the physical morphological features of the district.

Figure 6.9. Original Map for Greek District

Figure 6.10. Axial Map for Greek District

The defined indices were the non-metric data obtained from the methods and techniques used within the thesis and these indices, related with syntactic and geometric analysis of urban environments, have been set up so as to describe the morphological properties of that particular district. In Figure 6.13, the process of the research towards an integrated quantitative methodology is summarized. This chart briefly shows the analytical approach that this thesis brings to explain and quantify urban phenomenon. The outline of the study can also be followed by the use of this process chart, and how a new quantitative method has been developed., based on a limited number of indices of street network and block pattern.

Figure 6.11. Original Map for “Punta” Area

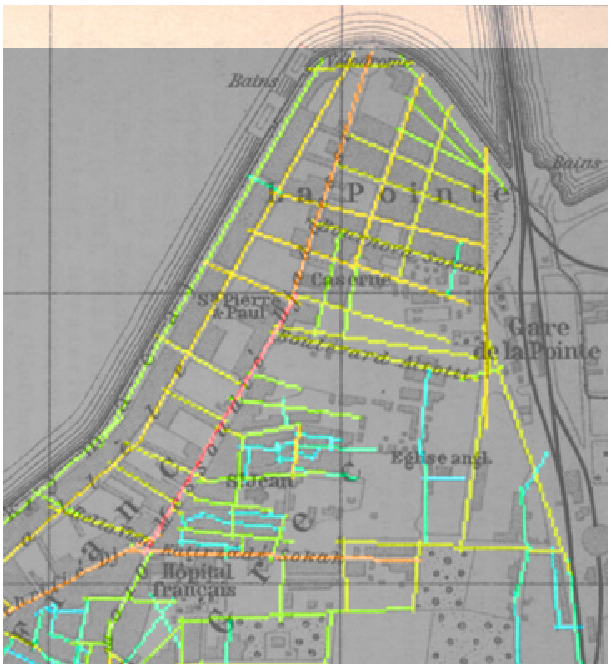


Figure 6.12. Axial Map for “Punta” Area

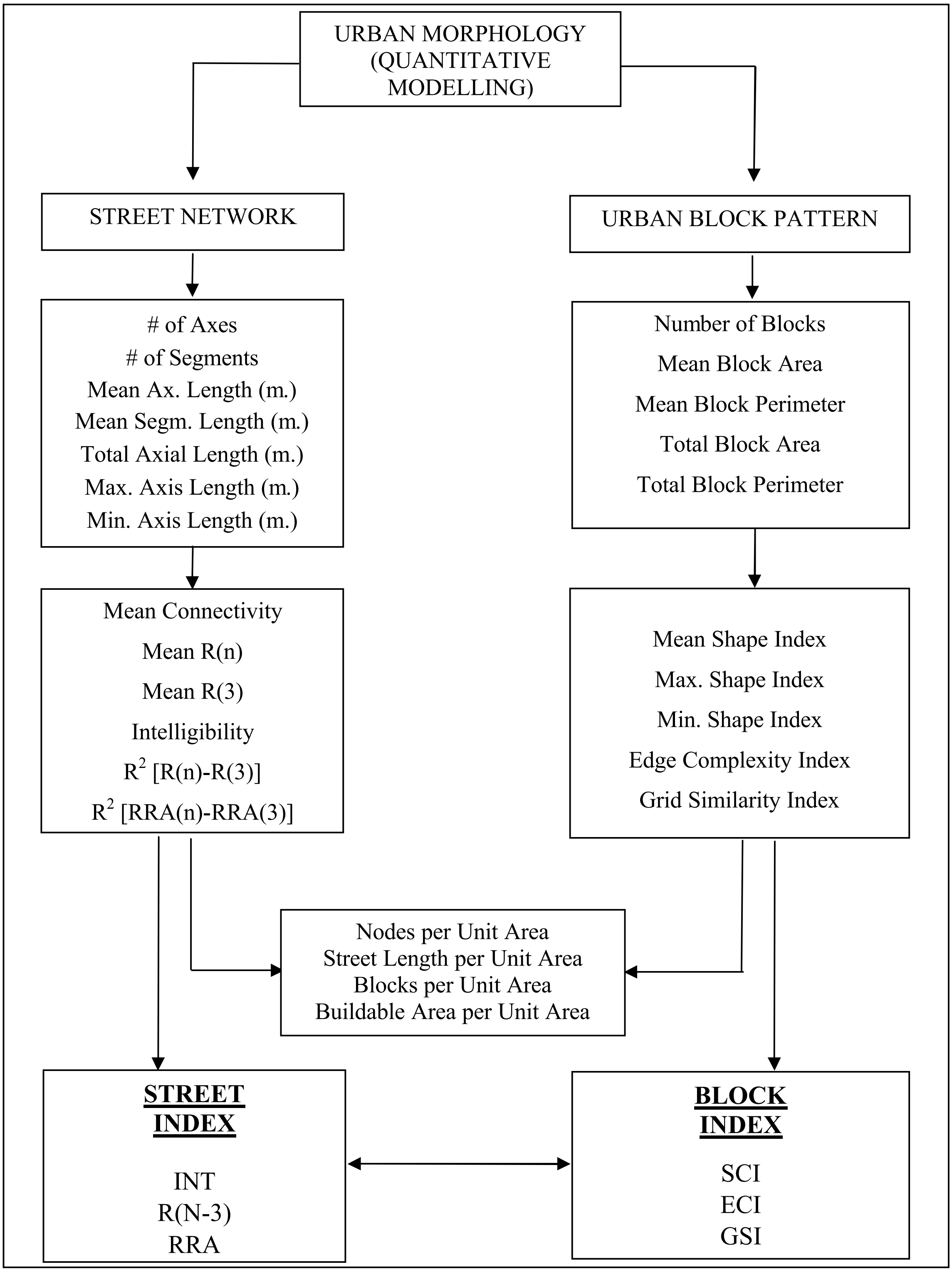


Figure 6.13. Process Chart for an Integrated Quantitative Model of Urban Morphology

CHAPTER 7

CONCLUSION

In this chapter, a summary of findings will be presented to show how this thesis has formed a contribution to knowledge in this field. The main conclusions from the research will be summarized and evaluated. Some limitations of the study will be explained and some suggestions for further research in light of findings will be provided. Lastly, a discussion of the meaning of the findings within a broader theoretical context will be provided.

7.1. Towards an Objective Morphology

The aim of this thesis as it was stated at the very beginning of the first chapter, is to develop a theoretical framework and quantitative methodology for modelling urban form and structure, in order to better understand the complexity inherent in urban environments and to generate and improve relevant knowledge for urban design and planning. The study of Izmir, presented within the scope of this research, has provided a series of findings that offer a dramatic example of morphologic measures.

It is possible to describe and analyze the morphological evolution of a settlement based on its historical, physical and social aspects, with the objective to identify the space qualities and the main elements that had influenced in the morphology. Within the scope of this thesis, morphological analysis has been evaluated with its two basic elements: “urban building blocks” and “streets” drawing the boundaries of these blocks. These two basic elements of urban fabric were used to define two basic systems found in urban environments: “street network” and “urban block pattern”. The street network was analyzed by utilizing the configurational approach found in the axial analysis of space syntax techniques. The urban building blocks were evaluated in terms of block shape, size and geometry through the methods found in geometric shape analysis. The findings from these two basic branches of urban morphology helped to determine the parameters for a quantitative model of urban analysis.

The research problem, defined within the scope of this thesis, was the subject of many urban theoretical studies. Many theoreticians dealt with ways of understanding, evaluating and analysis of urban form and structure. The thesis outlined how the process of such methodology can be constructed. After summarizing the theoretical framework in the second chapter and explaining the social structure of the city of Izmir in the late-Ottoman period, the following two chapters defined the methodology and techniques for quantitative analysis of urban block patterns and street network. The fourth chapter defined a configurational approach of urban morphology and the syntactic analysis of street network. The fifth chapter dealt with the analysis of urban block pattern especially size, shape and geometry of building blocks.

7.2. Summary of Findings and Conclusions

Measures of street configuration and urban block geometry describe properties of the city as a physical artifact, but also properties of the street network as a framework within which other kinds of morphology vary over time. Traditionally, the design of the network of streets, whether determined according to an overall plan, or emergent according to an incremental process, has been the foundation for the creation of the city. More recently, planning has been more concerned with the spatial distribution of other kinds of properties, including populations, land-uses, investments and resources of different kinds. However, we have started by referring to a quote that highlights how the tendency for these other kinds of density to become intensified over the geographical areas we call cities is still a fundamental and driving force for our society, economy and culture. So the question that continues to be interesting is how the more abstract kinds of morphology are founded on the specifically configured street networks and block geometry on the ground. This question is fundamental to understanding how and why cities function, but it is also fundamental to the practices associated with making cities. Cities are not only certain kinds of quantitative measures or physical data. They are also certain patterns of configuring density per parcel, block, street and, more importantly, per configurational principle applied to the design of street networks.

This thesis has made contributions to the understanding of urban form, both in terms of its “physical” and “social” structure. The social structure of Izmir in the late-Ottoman period was interesting in terms of spatial structure, since the locational choices of different ethnic groups and their production of urban layouts and urban space differed quite significantly in the general structure of the city. The districts defined by various sources at the end of 19th century, show a

The defined indices were the non-metric data obtained from the methods and techniques used within the thesis and these indices, related with syntactic and geometric analysis of urban environments, have been set up so as to describe the morphological properties of that particular district.

A new quantitative method, based on a limited number of indices of street network and block pattern, has been developed by using morphological measures and tools for analyzing urban form. These indices helped us in defining the physical characteristics of a particular urban environment, specificly the districts in our case, and by the use of these quantitative measures, it has been possible to differentiate the physical morphological features of the district.

Quantitative methods have been used so as to cover the physical and social aspects of urban space. Analyses of the complexity of the urban morphology and evaluation of the current methods available for modelling this complexity have been tested. As a result, spatially explicit computational and computerized method for understanding the urban form and structure could be described.

7.3. Limitations of the Study

The limitations of this study suggest ways in which further research might be directed. The limitations do not undermine the validity of the main findings of the study about the quantitative measures of urban morphology and its relationship to the configuration of the street network and urban fabric. The findings are statistically significant in spite of the limitations of available methods outlined within the thesis.

- This thesis produces the quantitative data limited to the historical maps (which are two dimensional) and knowledge that is reachable today.
- Although every effort and care has been shown, the production of digital maps from historical maps might contain some errors, but these values showed minor variations and are neglectable.

- The research can be extended, so as to cover more elements of the city (open spaces, lots, building height, etc.), but because of the infinite nature and complexity of the city, this thesis tries to produce simplified results for physical analysis of urban settings.
- The study area is limited to a frozen state of a city in a particular period; but the city is dynamic; however, for the purpose of the study its dynamic nature is evaluated in a static state.
- The three-dimensional characteristic of the city is reduced to a two-dimensional environment, since three-dimensional data are not available and would be much more difficult to process, and the tools utilized are basically two-dimensional.

7.4. Suggestions for Further Research

A number of avenues for further research are suggested by the findings of this thesis:

- Spatio-temporal studies can be made using this method, so the changes in space configuration over time can be examined.
- The results and indices can also be tested for different urban settings and cities, so as to prove the validity of the method presented by this research.
- Physical analysis and data (produced as a result of this thesis) is supported by the social data (based on historical evidence and observation), but in-depth studies can be made to link the social data to physical properties of these particular urban environments.
- Non-metric data can be combined with metric data, where problems regarding size, scale and density are concerned, in order to explain the urban structure in an improved way.
- It is possible to demonstrate this quantitative method for comparative measurement of urban form by bridging it to qualitative analysis methods.
- Three dimensional features can be added in order to make 3-d analysis of the city.

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APPENDIX A

DATA SPREADSHEETS - MINDWALK SOFTWARE

Table A.1. Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
0	3	0,3838	11	0,0018	0,7217	2,2496
1	2	0,1838	11	0,0017	0,7175	2,1643
2	17	6,2944	10	0,0476	0,7561	3,1346
3	4	0,4949	11	0,0023	0,7219	2,3621
4	8	2,2857	11	0,0241	0,7436	2,3619
5	3	0,4017	11	0,0187	0,7533	2,3421
6	5	1,6583	12	0,0172	0,6883	1,9955
7	2	0,2017	11	0,0016	0,7518	2,1804
8	3	0,7262	11	0,0026	0,7495	1,8623
9	7	1,9417	10	0,0499	0,8107	2,5272
10	9	1,7850	11	0,0078	0,6947	2,6453
11	4	0,5861	14	0,0016	0,5992	1,8369
12	4	0,5861	14	0,0016	0,5992	1,8369
13	4	0,4472	12	0,0018	0,6431	2,0613
14	8	1,7262	13	0,0016	0,6380	2,1784
15	4	0,5861	13	0,0019	0,6459	2,0202
16	4	0,6861	12	0,0047	0,6946	2,1036
17	4	0,4472	12	0,0016	0,6431	2,0613
18	10	2,2500	13	0,0122	0,6493	2,3868
19	6	0,9056	12	0,0134	0,6945	2,3559
20	2	0,3250	12	0,0016	0,6819	1,5593
21	7	1,3056	12	0,0046	0,6884	2,3603
22	9	1,9762	13	0,0017	0,6381	2,4037
23	3	0,8088	11	0,0083	0,6928	2,2082
24	4	0,8500	12	0,0039	0,6447	1,9977
25	8	2,5833	12	0,0158	0,6485	2,1758
26	6	1,5583	13	0,0090	0,6313	2,2736
27	4	0,6417	13	0,0022	0,6267	2,1024
28	3	0,9583	13	0,0023	0,6019	1,5396
29	2	0,5000	14	0,0016	0,5836	1,4381
30	2	0,6250	13	0,0030	0,6018	1,4804
31	2	0,8333	14	0,0017	0,5669	1,1708
32	4	0,7017	10	0,0085	0,7808	2,3289
33	10	3,0588	10	0,0505	0,7600	2,6729
34	3	0,3917	11	0,0016	0,7043	2,1565
35	5	1,6667	12	0,0034	0,6980	1,8444
36	3	0,6583	11	0,0052	0,7451	1,9202
37	3	0,4417	10	0,0056	0,8173	2,1750
38	4	0,7167	9	0,0448	0,8563	2,5159
39	2	0,1333	9	0,0016	0,8448	2,3819
40	3	0,3583	10	0,0020	0,8123	2,2390
41	6	1,2048	9	0,0453	0,8467	2,6931
42	3	0,3762	10	0,0347	0,8197	2,3576
43	6	1,1422	9	0,0839	0,8223	2,7734
44	3	0,2631	9	0,0062	0,8279	2,3995
45	3	0,3917	9	0,0036	0,8277	2,2296

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
53	4	1,0667	9	0,0201	0,7722	2,2366
54	3	0,8333	10	0,0090	0,7066	1,6216
55	3	1,0833	10	0,0071	0,7030	1,5154
56	2	0,6667	11	0,0023	0,6566	1,1769
57	3	1,0833	12	0,0023	0,6204	1,4516
58	3	0,6762	12	0,0043	0,6523	1,8348
59	5	1,7833	12	0,0029	0,6257	1,7813
60	4	1,0667	11	0,0078	0,6576	1,7495
61	5	1,7000	12	0,0049	0,6128	1,7379
62	4	0,9833	13	0,0020	0,5772	1,7379
63	4	0,8512	11	0,0406	0,7410	2,0682
64	8	1,8524	10	0,0367	0,7255	2,4275
65	7	1,7679	11	0,0164	0,7109	2,3904
66	3	0,5179	11	0,0035	0,6717	1,9041
67	7	1,8429	12	0,0084	0,6613	2,2787
68	5	1,1762	12	0,0022	0,6266	2,0186
69	3	0,5250	11	0,0060	0,6674	1,8993
70	4	0,7095	13	0,0022	0,6162	1,9769
71	6	1,6000	13	0,0032	0,5940	2,0986
72	5	1,2333	13	0,0031	0,6070	1,8900
73	4	1,1667	10	0,0431	0,7897	1,8801
74	4	1,8333	13	0,0093	0,6256	1,7813
75	6	2,1167	12	0,0128	0,6616	1,9373
76	2	0,3333	13	0,0016	0,6134	1,5111
77	5	0,9179	10	0,0037	0,6881	2,0288
78	4	1,2333	9	0,0204	0,7815	2,2779
79	3	1,0000	10	0,0061	0,7240	1,7430
80	15	3,8833	8	0,1167	0,8549	3,1578
81	6	2,1167	8	0,0067	0,7748	1,9955
82	4	1,0667	9	0,0057	0,7795	2,2502
83	2	1,3333	11	0,0032	0,6619	0,9479
84	1	0,5000	12	0,0016	0,6095	0,4224
85	3	0,5417	9	0,0137	0,7506	1,9799
86	8	3,6667	9	0,0200	0,7243	2,2439
87	4	0,7262	10	0,0104	0,7050	2,2455
88	8	2,3595	9	0,0132	0,6943	2,4885
89	2	0,3250	10	0,0016	0,6371	1,6101
90	3	0,5929	10	0,0052	0,6956	1,9198
91	5	1,3262	9	0,0076	0,6858	2,1355
92	10	2,7750	8	0,0373	0,7082	2,6398
93	4	0,6250	9	0,0177	0,7123	2,1403
94	7	1,5500	10	0,0148	0,6930	2,3559
95	2	0,3429	11	0,0017	0,6363	1,6211
96	2	0,3250	10	0,0016	0,6379	1,6435
97	5	1,7667	9	0,0062	0,6518	2,0181
98	2	0,2917	9	0,0016	0,7153	1,7082
99	1	0,1250	10	0,0016	0,6620	1,3455
100	3	0,7083	10	0,0017	0,6459	1,7520
101	3	0,7083	10	0,0038	0,6751	1,7778
102	4	1,0167	9	0,0029	0,6638	1,8571
103	5	1,4345	10	0,0145	0,6695	2,0599
104	3	0,5250	10	0,0020	0,6408	1,7339
105	2	0,4000	10	0,0016	0,6344	1,5491

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
106	2	0,6667	9	0,0020	0,7050	1,3305
107	2	0,7500	10	0,0016	0,7137	1,4175
108	2	0,5833	12	0,0076	0,6141	1,3636
109	3	1,0333	11	0,0174	0,6316	1,6211
110	3	0,8333	10	0,0148	0,6183	1,5000
111	4	1,1667	9	0,0157	0,6179	1,6043
112	3	0,6167	10	0,0016	0,7633	1,7499
113	3	0,6167	10	0,0016	0,7633	1,7499
114	4	0,8048	9	0,0016	0,7765	2,4014
115	5	0,9476	9	0,0038	0,7767	2,4706
116	3	0,5833	9	0,0017	0,7397	1,7429
117	2	0,4048	9	0,0017	0,7411	1,8950
118	3	0,8429	9	0,0018	0,7523	1,8260
119	5	1,1095	8	0,0034	0,8017	2,4945
120	6	1,8500	8	0,0282	0,8132	2,3815
121	2	0,3250	8	0,0080	0,7431	1,7520
122	5	1,5833	7	0,0370	0,8090	2,1385
123	6	1,8833	8	0,0084	0,8021	2,5433
124	2	0,3333	9	0,0016	0,7396	1,6910
125	4	1,1667	8	0,0043	0,7647	1,8962
126	2	0,6667	9	0,0025	0,7265	1,5595
127	2	0,7500	9	0,0016	0,6957	1,0953
128	2	0,3333	9	0,0016	0,7396	1,6910
129	14	4,5083	8	0,0134	0,8196	2,8152
130	6	2,1333	5	0,0316	0,8326	2,3191
131	1	0,1667	6	0,0016	0,7514	1,3475
132	10	2,7179	4	0,0912	0,8816	2,8058
133	6	2,6000	5	0,0510	0,8424	2,2292
134	7	2,0167	5	0,0684	0,8704	2,3070
135	2	0,3500	5	0,0047	0,7940	1,8699
136	4	1,4500	5	0,0050	0,7638	1,7555
137	5	0,8194	6	0,0182	0,7766	2,1424
138	6	1,6028	7	0,0039	0,7134	2,0502
139	2	0,3500	5	0,0016	0,7913	1,7602
140	3	0,6833	5	0,0058	0,7953	1,9233
141	3	0,7500	6	0,0028	0,7364	1,6211
142	4	1,4167	6	0,0029	0,7280	1,5887
143	2	0,4167	7	0,0016	0,6888	1,4516
144	4	1,7679	4	0,0042	0,8618	1,8518
145	1	0,2500	5	0,0016	0,7751	1,0234
146	8	2,9333	3	0,0699	0,8883	2,4291
147	3	0,6429	5	0,0033	0,8147	1,7002
148	3	0,5179	4	0,0461	0,8618	1,7857
149	2	0,2679	4	0,0016	0,8615	1,7094
150	3	0,3881	7	0,0052	0,8207	2,2957
151	4	0,8167	6	0,0469	0,8516	2,2831
152	2	0,5000	6	0,0023	0,7596	1,4381
153	3	1,2500	7	0,0019	0,7522	1,3007
154	2	0,5000	6	0,0016	0,7596	1,4381
155	4	1,4167	7	0,0031	0,7965	1,6693
156	1	0,1667	6	0,0016	0,7593	1,2857
157	4	0,7667	6	0,0357	0,8017	2,1283
158	5	1,5333	7	0,0152	0,7354	1,8688

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
159	7	1,7583	9	0,0030	0,7877	2,1847
160	2	0,2143	9	0,0016	0,7411	1,8950
161	5	1,0310	8	0,0029	0,7909	2,3904
162	5	0,8643	8	0,0016	0,7909	2,3904
163	8	1,5976	8	0,0420	0,8642	2,8033
164	3	0,4417	8	0,0032	0,8160	2,2240
165	15	4,4583	7	0,1001	0,8725	3,0160
166	3	1,0000	7	0,0038	0,7508	1,5469
167	2	0,8333	8	0,0016	0,6842	0,9167
168	2	0,7500	7	0,0024	0,7055	1,1461
169	4	1,1667	6	0,0058	0,7766	1,9092
170	2	0,5333	8	0,0059	0,7412	1,4850
171	3	0,9500	8	0,0051	0,7097	1,5347
172	5	1,4833	7	0,0078	0,7132	1,9407
173	2	0,3167	8	0,0016	0,7841	1,9845
174	7	2,3667	3	0,0114	0,8212	2,1476
175	5	1,3929	4	0,0075	0,7817	2,0186
176	3	0,9000	5	0,0055	0,7370	1,6993
177	2	0,4762	4	0,0016	0,7576	1,4792
178	3	0,8095	4	0,0016	0,7514	1,5517
179	3	0,8667	3	0,0025	0,8053	1,6883
180	3	0,9762	4	0,0031	0,7514	1,5517
181	2	0,8333	5	0,0018	0,7011	1,1461
182	5	1,5833	3	0,0582	0,8114	2,0417
183	6	1,4500	4	0,0568	0,7773	2,4192
184	5	1,0500	5	0,0125	0,7493	2,2874
185	10	2,1345	5	0,0126	0,7352	2,7387
186	5	0,8857	6	0,0089	0,7251	2,2406
187	5	0,7952	5	0,0461	0,7499	2,3243
188	7	2,4833	6	0,0088	0,7100	2,0988
189	3	0,9762	7	0,0041	0,6855	1,7165
190	3	0,7667	8	0,0026	0,6752	1,8497
191	4	0,8500	9	0,0039	0,6648	1,9533
192	2	0,7500	9	0,0018	0,6556	1,2830
193	2	0,6250	10	0,0025	0,6693	1,5227
194	4	1,3333	10	0,0017	0,6124	1,5365
195	4	0,9583	10	0,0062	0,6750	1,8912
196	3	0,6000	9	0,0017	0,6640	1,8348
197	2	0,3500	9	0,0016	0,6487	1,6211
198	4	1,2500	9	0,0029	0,6598	1,7701
199	2	0,5833	8	0,0022	0,6558	1,3636
200	4	1,2833	8	0,0033	0,6816	1,7289
201	2	0,4500	8	0,0039	0,6643	1,5213
202	4	1,1190	7	0,0040	0,6775	1,9345
203	2	0,2857	7	0,0016	0,6667	1,6211
204	2	0,2857	7	0,0016	0,6667	1,6211
205	7	2,1833	6	0,0384	0,7222	2,2717
206	3	0,5762	7	0,0310	0,7086	2,0250
207	5	1,1762	7	0,0080	0,6635	1,9311
208	3	0,7333	8	0,0062	0,6525	1,7165
209	3	1,0833	9	0,0047	0,6064	1,4028
210	4	0,9833	8	0,0019	0,6157	1,6043
211	4	0,9833	8	0,0020	0,6150	1,6037

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
212	5	1,1500	7	0,0025	0,6445	1,7257
213	5	0,9595	6	0,0119	0,7007	2,0987
214	4	0,9000	7	0,0028	0,6470	1,7822
215	2	0,8333	10	0,0032	0,5655	1,0208
216	2	1,0000	11	0,0019	0,5366	0,8870
217	2	0,8333	10	0,0020	0,5574	1,0208
218	3	1,0000	9	0,0035	0,5981	1,3873
219	4	1,1667	8	0,0164	0,6265	1,6037
220	4	1,0833	7	0,0222	0,6434	1,7002
221	5	1,3111	5	0,0141	0,7273	2,1571
222	3	0,6167	6	0,0035	0,6894	1,7429
223	1	0,2500	14	0,0016	0,5786	0,9910
224	6	0,9500	5	0,0199	0,7188	2,4227
225	4	0,7778	6	0,0125	0,6719	2,0782
226	6	1,9500	6	0,0044	0,6870	1,9955
227	2	0,3929	4	0,0031	0,7682	1,5347
228	4	0,5651	6	0,0052	0,7325	2,2717
229	9	2,5095	7	0,0076	0,6926	2,5176
230	4	0,8611	6	0,0031	0,6943	2,0229
231	4	1,2500	5	0,0047	0,7186	1,8273
232	3	0,8333	8	0,0016	0,6531	1,3938
233	3	0,5694	8	0,0016	0,6612	1,5396
234	3	0,5694	8	0,0017	0,6612	1,5396
235	9	2,0679	4	0,0307	0,7690	2,5671
236	4	0,8611	4	0,0020	0,7500	1,9916
237	2	0,2222	5	0,0016	0,6999	1,8141
238	3	0,5611	4	0,0016	0,7415	1,8348
239	9	2,0179	4	0,0055	0,7596	2,3055
240	8	1,0524	5	0,0016	0,7142	2,4305
241	9	1,7345	5	0,0018	0,7169	2,3795
242	3	0,3651	6	0,0017	0,6633	1,8751
243	7	1,3179	5	0,0031	0,7128	2,0981
244	4	0,5651	4	0,0046	0,7448	1,9488
245	11	3,0936	2	0,0998	0,8779	2,7903
246	4	0,7909	3	0,0049	0,8027	2,1385
247	1	0,0909	3	0,0016	0,7881	1,7278
248	13	3,0921	1	0,2313	0,9584	2,9991
249	3	0,5671	3	0,0017	0,7941	1,9916
250	3	0,7000	2	0,0016	0,8244	1,8478
251	6	1,1178	1	0,0423	0,9188	2,5959
252	8	1,8845	1	0,0031	0,8664	2,3623
253	12	2,3440	0	0,2867	0,9728	2,9907
254	3	0,7500	1	0,0804	0,9150	2,1063
255	2	0,5833	2	0,0790	0,8309	1,4505
256	8	4,3167	1	0,0937	0,8760	2,4452
257	5	1,3250	2	0,0166	0,7915	2,0183
258	2	0,4500	3	0,0016	0,7180	1,3089
259	5	1,4917	2	0,0108	0,7912	2,0635
260	3	1,0333	3	0,0032	0,7179	1,4255
261	3	1,0833	4	0,0016	0,6573	1,3057
262	4	1,5333	3	0,0032	0,7182	1,5365
263	4	1,2333	3	0,0107	0,7259	1,7427
264	2	0,5000	4	0,0016	0,6637	1,2552

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
265	12	2,6956	1	0,0473	0,8813	2,7903
266	11	2,5290	1	0,0075	0,8824	2,6797
267	6	1,1921	2	0,0016	0,7973	2,2396
268	7	1,0845	1	0,0152	0,8696	2,4291
269	7	1,2690	2	0,0032	0,8684	2,5206
270	8	1,2190	2	0,0094	0,8696	2,6536
271	5	1,7083	3	0,0045	0,8516	1,9857
272	4	0,7679	3	0,0031	0,8432	1,8805
273	3	0,5333	2	0,0038	0,8563	2,0305
274	5	1,6667	3	0,0058	0,8478	1,9687
275	3	0,8667	3	0,0033	0,8454	1,7298
276	2	0,7500	4	0,0027	0,7688	1,2410
277	8	2,8611	3	0,0358	0,8633	2,3621
278	2	0,3250	4	0,0033	0,8407	1,7520
279	3	0,8750	4	0,0268	0,8044	1,8207
280	4	1,4167	5	0,0265	0,7723	1,7427
281	4	1,1944	3	0,0210	0,8523	1,9644
282	2	0,3750	4	0,0016	0,7768	1,5593
283	4	0,9583	4	0,0125	0,8632	2,1939
284	3	0,7083	2	0,0037	0,8647	2,1261
285	2	0,8333	3	0,0021	0,7780	1,3275
286	2	0,7000	4	0,0016	0,7670	1,2726
287	4	1,3250	3	0,0050	0,8478	1,9448
288	2	0,5833	4	0,0027	0,8319	1,4166
289	3	0,3742	2	0,0020	0,7943	2,0441
290	5	0,5190	2	0,0275	0,8681	2,4352
291	3	1,6250	4	0,0040	0,7767	1,6328
292	1	0,3333	5	0,0016	0,7055	0,8705
293	9	2,7492	2	0,0490	0,8703	2,6263
294	3	0,2992	2	0,0016	0,7940	1,9742
295	2	0,6250	4	0,0020	0,7764	1,4932
296	2	0,6111	3	0,0016	0,7821	1,6339
297	2	0,7000	4	0,0017	0,7640	1,2726
298	2	1,0000	3	0,0020	0,7657	1,0103
299	3	0,8333	2	0,0023	0,8496	1,5718
300	3	0,8667	2	0,0016	0,8451	1,5593
301	3	0,7500	1	0,0024	0,8645	1,9887
302	6	1,3167	2	0,1084	0,9451	2,3900
303	3	0,9167	3	0,0044	0,8479	1,7094
304	12	3,5167	3	0,2732	0,9530	2,7972
305	4	1,1167	4	0,0059	0,8545	2,0288
306	2	0,8333	4	0,0030	0,7648	1,0953
307	2	1,0000	5	0,0025	0,7553	0,9167
308	2	0,6667	2	0,0036	0,8493	1,4850
309	6	1,6167	1	0,2138	0,9542	2,3628
310	5	2,1167	5	0,0039	0,7801	1,7915
311	1	0,2000	6	0,0016	0,7084	1,0103
312	2	0,4500	5	0,0016	0,7745	1,3992
313	5	1,7833	4	0,0626	0,8605	2,2061
314	6	1,7667	5	0,0553	0,7957	2,0613
315	3	0,8667	5	0,0048	0,7795	1,6211
316	2	1,3333	6	0,0032	0,7080	0,9479
317	1	0,5000	7	0,0016	0,6484	0,4224

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
318	3	0,6167	7	0,0405	0,8124	1,6927
319	4	1,2000	7	0,0343	0,7743	1,6179
320	3	0,6167	6	0,0343	0,7715	1,7626
321	3	1,1667	5	0,0031	0,7705	1,4653
322	2	0,8333	6	0,0018	0,7094	1,1208
323	2	0,6667	6	0,0020	0,7218	1,3904
324	2	0,5000	7	0,0031	0,8065	1,4792
325	3	0,9500	8	0,0017	0,7407	1,3938
326	6	2,1762	6	0,1595	0,8941	2,1939
327	5	1,5595	5	0,2610	0,9608	2,1973
328	3	0,6603	2	0,0056	0,8556	2,0996
329	4	1,6667	3	0,0026	0,8140	1,5718
330	3	0,5929	4	0,0016	0,7975	1,8018
331	2	0,4500	4	0,0022	0,7951	1,4222
332	5	1,4333	3	0,0598	0,8859	2,1853
333	6	0,9948	2	0,1314	0,9127	2,6525
334	5	2,0000	3	0,0034	0,8176	1,8962
335	2	0,4500	4	0,0016	0,7401	1,2552
336	4	1,1667	3	0,0045	0,8182	1,9277
337	3	0,6167	4	0,0016	0,7417	1,5887
338	2	0,4500	4	0,0022	0,7957	1,4932
339	4	1,1833	5	0,0046	0,7940	1,9916
340	2	0,3667	4	0,0016	0,7416	1,5469
341	6	1,1206	2	0,0145	0,8401	2,3036
342	4	0,7778	3	0,0040	0,8058	2,0193
343	3	0,7500	4	0,0036	0,7880	1,6547
344	2	0,3269	2	0,0036	0,8528	1,9887
345	2	0,5769	2	0,0029	0,8536	1,9587
346	3	1,0333	3	0,0048	0,7938	1,6435
347	2	0,8333	3	0,0016	0,7722	1,2857
348	3	0,6103	2	0,0585	0,8729	2,2051
349	2	0,7000	4	0,0021	0,7348	1,3272
350	4	1,0333	4	0,0030	0,7473	1,8104
351	3	0,9500	4	0,0027	0,7409	1,5593
352	2	0,4333	5	0,0017	0,7063	1,7797
353	7	0,9679	5	0,0021	0,7022	2,2827
354	5	0,6190	5	0,0017	0,7032	2,1723
355	3	0,5278	5	0,0027	0,7015	1,8277
356	6	1,1179	6	0,0023	0,6775	2,0209
357	4	0,7222	6	0,0017	0,6637	1,9914
358	9	1,9917	5	0,0117	0,7095	2,5716
359	6	0,7679	5	0,0018	0,7033	2,2499
360	1	0,1250	4	0,0016	0,7964	1,4505
361	2	0,5833	5	0,0016	0,7254	1,4166
362	4	1,4167	5	0,0017	0,7559	1,5688
363	3	0,5500	4	0,0022	0,8343	1,9512
364	8	1,8778	7	0,0139	0,7208	2,1876
365	9	2,1417	7	0,0042	0,7232	2,2499
366	5	0,9694	6	0,0121	0,7297	2,0746
367	5	0,8806	7	0,0024	0,6959	2,0980
368	3	0,3472	8	0,0017	0,6654	1,8950
369	3	0,7000	6	0,0018	0,6839	1,6883
370	6	2,3611	7	0,0033	0,6642	2,0672

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
371	2	0,6667	7	0,0020	0,6400	1,3746
372	2	1,0000	6	0,0025	0,6574	1,0699
373	2	0,6667	5	0,0037	0,7063	1,5448
374	2	0,7500	6	0,0016	0,6618	1,2830
375	2	0,6000	6	0,0018	0,6714	1,7196
376	7	1,6623	4	0,0057	0,7247	2,4515
377	5	1,5492	3	0,0052	0,7912	2,2008
378	3	0,4250	4	0,0016	0,7266	1,9261
379	4	0,6659	3	0,0363	0,8026	2,3134
380	5	1,0354	3	0,0101	0,8048	2,2928
381	4	0,7854	3	0,0282	0,8126	2,2540
382	4	0,8083	4	0,0025	0,7384	2,1888
383	10	2,6206	4	0,0074	0,7325	2,7049
384	3	1,3500	5	0,0032	0,6788	1,8104
385	1	0,3333	6	0,0016	0,6238	0,9459
386	8	1,9206	4	0,0399	0,7488	2,5922
387	6	1,4917	5	0,0182	0,6891	2,2419
388	3	0,5762	5	0,0016	0,6770	1,8751
389	2	0,4583	5	0,0019	0,6830	1,7104
390	3	0,9762	5	0,0016	0,6625	1,6547
391	7	1,6179	4	0,0110	0,7131	2,4638
392	4	0,6595	5	0,0022	0,6781	2,1370
393	5	0,8440	3	0,0056	0,7532	2,2398
394	6	1,4588	3	0,0131	0,7963	2,3900
395	7	1,5583	2	0,0248	0,8153	2,3144
396	8	1,7968	3	0,0140	0,7683	2,4814
397	9	3,4012	4	0,0141	0,7340	2,5434
398	5	0,9282	3	0,0150	0,7980	2,3623
399	4	1,2917	4	0,0037	0,8268	1,8018
400	6	1,6111	3	0,0030	0,7812	2,1430
401	9	3,6667	3	0,0147	0,8073	2,3773
402	3	0,7361	4	0,0103	0,7999	2,0399
403	4	1,0429	6	0,0717	0,8839	2,3657
404	17	6,4333	10	0,1864	0,8822	3,0108
405	4	0,6755	10	0,1459	0,8769	2,4062
406	4	0,6588	11	0,0205	0,8360	2,3123
407	6	1,5611	11	0,0055	0,7711	2,1739
408	3	0,4778	11	0,0038	0,7700	1,9533
409	5	1,6667	3	0,0098	0,7735	1,8571
410	4	0,6436	2	0,0101	0,8563	2,2979
411	4	1,1444	4	0,0046	0,7424	1,8840
412	2	0,7500	5	0,0016	0,6772	1,1461
413	2	0,6111	4	0,0016	0,7308	1,5111
414	2	0,3111	4	0,0032	0,7421	1,6927
415	3	1,7000	4	0,0044	0,7119	1,4028
416	1	0,3333	5	0,0016	0,6517	0,7392
417	2	0,5833	4	0,0035	0,7114	1,2906
418	4	1,3667	3	0,0067	0,7504	1,7429
419	2	1,3333	5	0,0032	0,6590	0,9167
420	3	0,9500	4	0,0048	0,7205	1,4897
421	1	0,5000	6	0,0016	0,6070	0,4224
422	3	0,9167	4	0,0025	0,6842	1,3874
423	4	1,1333	11	0,0065	0,6927	1,9999

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
424	5	1,7833	13	0,0026	0,5916	1,8750
425	5	1,6167	12	0,0034	0,6372	1,8416
426	4	1,0833	12	0,0048	0,6506	1,7963
427	2	0,5833	13	0,0016	0,5725	1,1561
428	4	1,2000	13	0,0020	0,6012	1,6667
429	2	0,6667	11	0,0055	0,6462	1,1366
430	3	1,2500	12	0,0042	0,6045	1,3180
431	3	0,5929	12	0,0058	0,6573	1,9322
432	4	1,0167	11	0,0110	0,7004	2,0417
433	3	0,5167	10	0,0051	0,7519	2,0174
434	5	1,0833	13	0,0037	0,6193	2,0327
435	3	0,6429	13	0,0017	0,6157	1,7002
436	4	0,9262	12	0,0027	0,6273	1,8207
437	4	1,0333	13	0,0020	0,6155	1,6927
438	2	0,5833	4	0,0024	0,8482	1,7612
439	2	1,0000	5	0,0016	0,7642	0,9910
440	2	0,5833	4	0,0024	0,8482	1,7612
441	2	0,5333	3	0,0016	0,8423	1,3996
442	3	1,0333	3	0,0161	0,8430	1,5491
443	5	1,2500	2	0,1188	0,9448	2,2573
444	5	2,5333	7	0,0411	0,5545	1,8416
445	2	0,7000	7	0,0019	0,5506	1,2552
446	2	1,0000	6	0,0032	0,5852	1,0103
447	5	1,7000	7	0,0199	0,5703	1,9363
448	2	0,7000	8	0,0048	0,5311	1,2726
449	3	0,8667	5	0,0079	0,6270	1,6795
450	6	1,9500	4	0,0450	0,6782	2,1164
451	3	1,0833	4	0,0016	0,6681	1,3180
452	1	0,3333	6	0,0016	0,5706	0,6896
453	3	1,5333	5	0,0032	0,6162	1,2989
454	5	1,9167	4	0,0152	0,6696	1,8000
455	2	0,7000	5	0,0037	0,6213	1,2906
456	5	2,4167	6	0,0060	0,5864	1,6735
457	2	0,7000	6	0,0024	0,5824	1,2552
458	1	0,2000	7	0,0016	0,5449	0,9479
459	2	0,5833	6	0,0016	0,5853	1,1982
460	4	1,5333	7	0,0032	0,5510	1,5364
461	1	0,5000	8	0,0016	0,5140	0,3333
462	2	1,5000	7	0,0032	0,5508	0,6980
463	2	0,8333	6	0,0048	0,5931	0,9856
464	3	1,0833	5	0,0065	0,6424	1,3007
465	3	0,8333	4	0,0103	0,6960	1,4711
466	4	1,4167	3	0,0778	0,7622	1,6133
467	4	1,0833	4	0,0420	0,7034	1,6828
468	4	1,0833	5	0,0042	0,6513	1,6735
469	4	1,2500	5	0,0037	0,6475	1,5405
470	3	0,8333	6	0,0038	0,6036	1,4804
471	3	0,7833	7	0,0024	0,5652	1,5364
472	2	0,4500	8	0,0028	0,5330	1,4653
473	4	1,0333	6	0,0292	0,6097	1,7372
474	4	1,0833	5	0,0383	0,6540	1,6742
475	3	0,7500	6	0,0167	0,6093	1,5887
476	4	1,2000	7	0,0252	0,5691	1,7269

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
477	3	1,0000	4	0,0246	0,7013	1,3938
478	2	0,6667	5	0,0232	0,6472	1,1982
479	3	0,9500	6	0,0219	0,6051	1,4666
480	4	1,4500	7	0,0097	0,5678	1,6667
481	2	0,7500	8	0,0048	0,5289	1,1366
482	2	1,5000	9	0,0032	0,4969	0,7662
483	1	0,5000	10	0,0016	0,4668	0,3333
484	2	0,7000	8	0,0366	0,5185	1,2726
485	2	0,8333	9	0,0350	0,4869	1,0208
486	3	2,0000	10	0,0335	0,4588	1,1493
487	1	0,3333	11	0,0016	0,4330	0,5817
488	2	0,8333	11	0,0303	0,4337	0,9851
489	2	1,0000	12	0,0287	0,4112	0,8870
490	2	0,8333	13	0,0272	0,3909	0,9856
491	3	1,5000	14	0,0256	0,3724	1,2222
492	2	1,2500	8	0,0032	0,5289	1,0446
493	1	0,5000	9	0,0016	0,4949	0,4986
494	2	1,5000	9	0,0032	0,4950	0,7278
495	1	0,5000	10	0,0016	0,4651	0,3333
496	1	0,5000	15	0,0016	0,3587	0,3333
497	2	1,5000	14	0,0032	0,3762	0,7040
498	2	1,0000	13	0,0048	0,3955	0,8726
499	2	1,0000	12	0,0065	0,4168	0,8491
500	2	1,0000	11	0,0081	0,4406	0,8491
501	2	1,0000	10	0,0097	0,4671	0,8620
502	2	0,8333	9	0,0113	0,4970	1,0446
503	3	1,0833	8	0,0206	0,5309	1,4725
504	3	1,1667	10	0,0017	0,4694	1,2053
505	3	1,0000	9	0,0079	0,4978	1,3007
506	2	0,6667	9	0,0024	0,4963	1,1192
507	3	1,2000	8	0,0040	0,5296	1,3007
508	5	1,9167	7	0,0151	0,5682	1,6982
509	2	0,8333	10	0,0078	0,5075	1,0208
510	2	1,0000	9	0,0080	0,5131	0,9479
511	2	0,7000	8	0,0087	0,5338	1,2123
512	3	1,0833	11	0,0079	0,5075	1,3873
513	2	0,5833	12	0,0034	0,4914	1,1561
514	4	1,3333	11	0,0104	0,5244	1,6064
515	3	1,1667	12	0,0033	0,4766	1,2989
516	3	1,0000	13	0,0017	0,4498	1,3007
517	3	1,0000	14	0,0046	0,4413	1,2989
518	3	1,8333	13	0,0047	0,4387	1,2222
519	3	1,0000	13	0,0059	0,4634	1,3076
520	3	0,9167	12	0,0074	0,4900	1,3873
521	4	1,1667	11	0,0140	0,5222	1,6037
522	1	0,3333	14	0,0016	0,4151	0,6368
523	2	0,8333	12	0,0039	0,4409	1,0000
524	2	0,8333	11	0,0045	0,4508	1,0000
525	3	1,1667	10	0,0057	0,4710	1,2064
526	1	0,2500	10	0,0016	0,5491	0,8847
527	4	1,8333	9	0,0284	0,5912	1,6133
528	4	1,0000	10	0,0236	0,5560	1,7495
529	4	1,3333	10	0,0039	0,5529	1,5365

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
530	2	0,5833	11	0,0016	0,5162	1,0697
531	3	1,0000	10	0,0022	0,5498	1,3938
532	4	1,0833	9	0,0035	0,5851	1,6133
533	3	0,7500	9	0,0031	0,5792	1,3007
534	4	1,0833	8	0,0154	0,6260	1,7495
535	4	1,1667	10	0,0018	0,5441	1,5154
536	4	1,3333	9	0,0077	0,5793	1,6008
537	4	1,0833	10	0,0016	0,5441	1,5154
538	3	0,8333	8	0,0297	0,6322	1,4136
539	3	0,7833	7	0,0160	0,6799	1,4932
540	4	1,1167	7	0,0315	0,6804	1,7082
541	5	1,2500	6	0,0740	0,7400	2,0181
542	6	2,6167	7	0,0266	0,6767	1,9912
543	2	0,4167	8	0,0016	0,6225	1,3180
544	1	0,1667	8	0,0016	0,6221	1,1208
545	1	0,3333	9	0,0016	0,5757	0,7392
546	3	1,5000	8	0,0032	0,6223	1,3873
547	3	0,8333	8	0,0048	0,6226	1,5405
548	3	1,6667	9	0,0033	0,5768	1,3007
549	1	0,3333	10	0,0016	0,5366	0,6896
550	3	1,0000	10	0,0025	0,5414	1,4745
551	2	0,7500	10	0,0024	0,5388	1,0000
552	2	0,8333	11	0,0016	0,5059	0,8870
553	1	0,5000	8	0,0016	0,5459	0,4224
554	2	1,3333	7	0,0032	0,5876	0,8620
555	3	1,0833	6	0,0065	0,6360	1,3750
556	3	0,8667	6	0,0318	0,5895	1,5448
557	1	0,2000	8	0,0016	0,5173	1,0405
558	3	0,9167	6	0,0017	0,5863	1,3444
559	3	0,7500	5	0,0031	0,6266	1,4804
560	3	0,7500	5	0,0329	0,6302	1,5688
561	4	1,2000	5	0,0016	0,6259	1,5364
562	5	1,6667	4	0,0082	0,6734	1,9416
563	2	0,7000	5	0,0045	0,6257	1,2906
564	2	0,5333	5	0,0016	0,6161	1,1366
565	4	1,2000	3	0,0603	0,7313	1,8571
566	2	0,6667	4	0,0019	0,6727	1,4381
567	2	0,7000	3	0,0033	0,7251	1,4166
568	1	0,5000	7	0,0016	0,5315	0,4224
569	2	1,3333	6	0,0032	0,5709	0,9167
570	3	1,2000	5	0,0058	0,6165	1,4644
571	2	0,5333	4	0,0017	0,6681	1,3272
572	3	0,9500	3	0,0031	0,7212	1,5227
573	2	0,5333	8	0,0016	0,5294	1,1192
574	1	0,3333	5	0,0016	0,6924	0,7392
575	3	1,5833	4	0,0145	0,7608	1,3874
576	4	1,6667	5	0,0113	0,6930	1,5669
577	2	0,5833	6	0,0016	0,6359	0,9856
578	3	1,3333	7	0,0016	0,5877	1,1493
579	2	0,5833	6	0,0016	0,6359	0,9856
580	3	0,8333	4	0,0214	0,8564	1,9857
581	2	0,5833	4	0,0029	0,8482	1,7612
582	2	0,7500	5	0,0016	0,7763	1,3069

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
583	2	0,5000	5	0,0016	0,7661	1,3636
584	5	1,0833	4	0,0071	0,9005	2,2063
585	2	0,4167	5	0,0060	0,8489	1,4696
586	6	2,1167	4	0,0090	0,8504	2,1737
587	2	1,2000	6	0,0032	0,8544	1,3235
588	1	0,5000	7	0,0016	0,7691	0,5661
589	2	0,5000	6	0,0111	0,7061	1,3444
590	4	2,1667	7	0,0108	0,6844	1,3874
591	3	0,8333	8	0,0092	0,6753	1,4711
592	4	2,0833	9	0,0120	0,6863	1,6037
593	2	0,5000	10	0,0086	0,7047	1,3746
594	4	1,3333	11	0,0119	0,7413	1,7251
595	3	1,5000	12	0,0032	0,6989	1,3444
596	1	0,3333	13	0,0016	0,6408	0,6896
597	2	0,8333	5	0,0016	0,7058	1,0697
598	2	1,0000	4	0,0024	0,7104	1,0405
599	2	0,6111	3	0,0040	0,7822	1,6771
600	16	6,7262	8	0,1818	0,8005	2,9878
601	7	2,0625	7	0,1316	0,8300	2,5861
602	4	0,9792	9	0,0462	0,7289	2,2395
603	3	0,7500	10	0,0300	0,6682	1,6435
604	4	1,1667	11	0,0266	0,6204	1,6064
605	4	1,2500	12	0,0201	0,5807	1,5405
606	3	1,0833	13	0,0042	0,5469	1,3007
607	2	0,6667	13	0,0043	0,5509	1,1366
608	4	1,2000	12	0,0209	0,6299	1,8518
609	5	1,1500	12	0,0264	0,6439	2,1058
610	6	2,0500	13	0,0168	0,6282	2,1526
611	5	1,4500	14	0,0171	0,6197	2,0231
612	5	1,1667	13	0,0166	0,6504	2,0981
613	10	3,4000	13	0,0302	0,6442	2,6180
614	3	0,8500	14	0,0075	0,5956	1,8391
615	4	1,1500	15	0,0042	0,5745	1,8345
616	4	1,2833	15	0,0048	0,5652	1,7372
617	5	2,7500	15	0,0049	0,5571	1,7852
618	2	0,4500	15	0,0028	0,5739	1,4063
619	4	1,2000	14	0,0050	0,5817	1,8345
620	3	1,6000	14	0,0046	0,5949	1,7289
621	2	0,5833	15	0,0018	0,5645	1,3992
622	1	0,3333	15	0,0016	0,5522	0,9459
623	2	0,6667	15	0,0016	0,5529	1,1461
624	3	1,1000	14	0,0016	0,5946	1,6179
625	2	0,3125	9	0,0637	0,7829	2,0145
626	1	0,0625	9	0,0016	0,7251	1,8422
627	3	1,3125	9	0,0032	0,7830	2,0746
628	1	0,3333	10	0,0016	0,7108	1,1586
629	4	1,2083	9	0,0656	0,8052	1,8650
630	5	2,0333	13	0,0066	0,6093	1,7842
631	2	1,0000	15	0,0037	0,5608	0,8870
632	2	0,5833	16	0,0037	0,5417	1,3089
633	3	1,1667	15	0,0035	0,5481	1,4028
634	3	0,8667	14	0,0024	0,5653	1,4804
635	3	0,7833	14	0,0016	0,5654	1,4897

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
636	1	0,2000	16	0,0016	0,5195	1,0103
637	1	0,2000	16	0,0016	0,5195	1,0103
638	3	0,8125	9	0,0232	0,7338	2,0632
639	2	0,5625	9	0,0065	0,7255	1,9533
640	2	0,5625	9	0,0474	0,7288	1,9582
641	2	0,8333	10	0,0459	0,6690	1,3475
642	3	1,2500	11	0,0445	0,6186	1,3846
643	4	1,4167	12	0,0353	0,5752	1,6064
644	4	1,1667	13	0,0167	0,5371	1,6133
645	4	1,9167	14	0,0064	0,5031	1,5692
646	3	0,8333	14	0,0090	0,5037	1,4635
647	3	1,0000	15	0,0032	0,4732	1,3989
648	1	0,2500	15	0,0016	0,4722	0,8462
649	3	0,9167	15	0,0077	0,4745	1,5364
650	4	1,6667	16	0,0019	0,4474	1,4711
651	2	0,5833	13	0,0079	0,5356	1,2388
652	3	1,5000	14	0,0065	0,5024	1,2241
653	2	0,5833	15	0,0033	0,4732	1,2123
654	3	1,1667	16	0,0062	0,4482	1,3873
655	2	0,5833	16	0,0016	0,4466	1,0208
656	3	0,8333	11	0,0159	0,6358	1,4804
657	4	1,5000	10	0,0205	0,6788	1,5213
658	2	0,5833	10	0,0016	0,6741	1,3069
659	3	1,0833	13	0,0076	0,5852	1,4897
660	3	1,3333	12	0,0090	0,5911	1,3076
661	2	0,8333	11	0,0070	0,6267	1,0208
662	2	0,8333	10	0,0084	0,6722	1,2857
663	3	1,0625	9	0,0098	0,7270	1,9876
664	2	0,3958	9	0,0016	0,7257	1,9146
665	2	0,8333	14	0,0040	0,5692	1,0446
666	3	1,6667	14	0,0042	0,5541	1,3007
667	3	1,5833	13	0,0063	0,5829	1,4136
668	1	0,3333	15	0,0016	0,5169	0,6896
669	1	0,3333	14	0,0016	0,5419	0,7392
670	1	0,2000	14	0,0016	0,5646	1,0103
671	2	0,4333	14	0,0016	0,5945	1,5688
672	2	0,4333	14	0,0016	0,5958	1,5785
673	3	1,4333	14	0,0040	0,5947	1,7257
674	3	1,1667	15	0,0016	0,5522	1,1561
675	2	0,6667	15	0,0016	0,5521	1,0405
676	3	0,9333	14	0,0040	0,5946	1,6700
677	3	0,8667	13	0,0029	0,6421	1,6322
678	3	0,7333	14	0,0020	0,6086	1,6435
679	5	1,1667	12	0,0513	0,6909	2,1719
680	5	1,1000	11	0,0534	0,7480	2,1118
681	3	0,8429	11	0,0199	0,7205	1,7429
682	3	1,0833	13	0,0023	0,6172	1,5111
683	2	0,6667	12	0,0024	0,6612	1,2196
684	3	0,9000	11	0,0039	0,7194	1,6659
685	7	3,9167	12	0,0197	0,6711	2,0120
686	4	1,9762	13	0,0067	0,6199	1,8135
687	1	0,2500	14	0,0016	0,5738	0,9910
688	2	1,2500	14	0,0032	0,5738	1,0953

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
689	1	0,5000	15	0,0016	0,5340	0,4986
690	1	0,1429	13	0,0016	0,6173	1,1769
691	1	0,1429	13	0,0016	0,6173	1,1769
692	2	0,4762	12	0,0016	0,6626	1,3592
693	2	0,6429	13	0,0053	0,6176	1,3938
694	2	1,0000	14	0,0037	0,5720	0,9793
695	2	1,0000	15	0,0023	0,5383	0,8491
696	2	1,0000	14	0,0019	0,5440	0,8491
697	2	1,0000	13	0,0028	0,5705	0,8620
698	2	0,8333	12	0,0044	0,6158	1,0208
699	3	1,1667	11	0,0077	0,6690	1,4028
700	3	0,8667	12	0,0029	0,6396	1,5227
701	3	0,6762	13	0,0062	0,6354	1,7325
702	3	1,0333	11	0,0153	0,6741	1,6101
703	3	0,9167	10	0,0228	0,7274	1,5785
704	4	1,4583	9	0,0270	0,7905	1,8018
705	2	0,3750	9	0,0016	0,7852	1,5718
706	2	0,8333	12	0,0023	0,6219	1,0953
707	2	0,8333	11	0,0028	0,6660	1,0208
708	3	1,3333	10	0,0115	0,7188	1,3444
709	2	0,6667	11	0,0077	0,6582	1,1059
710	3	2,0000	12	0,0062	0,6071	1,1088
711	3	0,7083	9	0,0126	0,7850	1,7082
712	1	0,5000	11	0,0016	0,6559	0,4986
713	2	1,2500	10	0,0032	0,7170	1,0953
714	1	0,5000	18	0,0016	0,3982	0,3333
715	3	1,0000	13	0,0097	0,5364	1,3873
716	2	1,5000	17	0,0032	0,4199	0,7040
717	2	1,0000	16	0,0048	0,4441	0,8726
718	2	1,0000	15	0,0065	0,4711	0,8620
719	2	0,8333	14	0,0081	0,5017	1,0208
720	2	0,3958	9	0,0041	0,7256	1,9914
721	3	1,1667	10	0,0026	0,6653	1,4166
722	4	0,9054	8	0,0337	0,7903	2,3351
723	5	1,6167	9	0,0311	0,7195	1,9876
724	3	0,8667	10	0,0027	0,6584	1,4666
725	3	1,1667	11	0,0018	0,6139	1,2053
726	2	0,6667	11	0,0016	0,6067	1,1059
727	3	1,2000	10	0,0046	0,6583	1,3938
728	2	0,5333	11	0,0017	0,6080	1,2388
729	5	2,4500	10	0,0211	0,6598	1,8000
730	1	0,2000	11	0,0016	0,6078	1,0103
731	2	0,7000	11	0,0032	0,6079	1,1366
732	2	0,7500	12	0,0016	0,5647	1,0208
733	4	1,4500	11	0,0148	0,6093	1,6064
734	4	1,4167	12	0,0125	0,5705	1,6064
735	2	0,5000	12	0,0016	0,5675	1,1769
736	2	0,5333	10	0,0017	0,6583	1,3592
737	2	0,4762	8	0,0048	0,7496	1,6701
738	3	2,0000	9	0,0032	0,6855	1,1769
739	1	0,3333	10	0,0016	0,6295	0,5817
740	2	0,5625	9	0,0048	0,7254	1,9488
741	2	1,5000	10	0,0032	0,6630	1,1400

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
742	1	0,5000	11	0,0016	0,6105	0,3333
743	4	1,0387	8	0,0065	0,7617	2,2064
744	3	1,7500	9	0,0032	0,6933	1,3624
745	2	0,5833	9	0,0016	0,6932	1,3275
746	1	0,3333	10	0,0016	0,6360	0,5817
747	8	2,8512	8	0,1199	0,8699	2,3708
748	1	0,1250	9	0,0016	0,7816	1,4166
749	2	0,3333	9	0,0016	0,7917	1,5764
750	1	0,1250	8	0,0016	0,8381	1,7391
751	2	0,4167	1	0,0084	0,8645	1,9365
752	3	1,1250	2	0,0071	0,7872	1,6693
753	2	0,8333	3	0,0055	0,7148	1,0953
754	2	1,0000	4	0,0039	0,6554	0,8620
755	2	1,0000	5	0,0024	0,6090	0,8620
756	2	0,8333	6	0,0017	0,5712	1,0446
757	1	0,1250	2	0,0016	0,7865	1,4670
758	1	0,1250	2	0,0016	0,7865	1,4670
759	2	0,3750	2	0,0611	0,7949	1,7702
760	1	0,2000	5	0,0016	0,7740	1,2725
761	3	0,5179	7	0,0087	0,8821	2,0919
762	4	2,0000	8	0,0075	0,8021	1,5000
763	1	0,2500	9	0,0016	0,7264	0,8064
764	6	2,5417	8	0,0449	0,8497	2,2111
765	8	2,1872	7	0,2269	0,9404	2,8867
766	7	2,5333	6	0,1538	0,9425	2,4062
767	9	2,1595	10	0,0213	0,8162	2,7485
768	4	0,7540	10	0,0029	0,8121	2,1283
769	7	1,5929	10	0,0066	0,8070	2,2131
770	6	1,5288	9	0,1371	0,8922	2,5732
771	19	6,0512	8	0,1768	0,9169	3,2054
772	4	0,8622	9	0,0028	0,8256	2,3637
773	5	1,1706	10	0,0023	0,7786	2,0988
774	3	0,5929	10	0,0016	0,7555	1,8097
775	4	1,0333	9	0,0036	0,7890	1,9407
776	3	0,6429	10	0,0021	0,7719	1,7002
777	6	1,4833	11	0,0054	0,7458	2,1001
778	2	0,3111	11	0,0025	0,7385	1,7938
779	5	1,7000	12	0,0033	0,7054	1,7852
780	4	0,8429	10	0,0066	0,7779	1,9407
781	7	1,6706	9	0,0120	0,8227	2,4073
782	5	1,0667	11	0,0352	0,7701	2,0399
783	5	1,5278	11	0,0193	0,8068	2,1273
784	4	0,7167	12	0,0368	0,7711	2,1606
785	10	3,6250	11	0,0275	0,8030	2,4178
786	3	0,6167	11	0,0016	0,7341	1,6414
787	2	0,2526	9	0,0016	0,8198	2,1301
788	3	0,2955	9	0,0038	0,8225	2,3070
789	5	1,2288	9	0,0023	0,8215	2,3329
790	7	1,5917	8	0,0031	0,8247	2,3033
791	10	3,1012	8	0,0096	0,8227	2,4227
792	1	0,0526	9	0,0016	0,8193	2,0161
793	2	0,1526	9	0,0016	0,8223	2,2546
794	2	0,3667	10	0,0016	0,8050	1,7028

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
795	3	0,4778	10	0,0071	0,8292	2,0648
796	9	2,6167	10	0,0262	0,8704	2,3974
797	3	0,3304	9	0,0041	0,8622	2,3674
798	3	0,4444	10	0,0016	0,8177	1,9090
799	2	0,5333	13	0,0016	0,6464	1,2241
800	3	1,1667	12	0,0017	0,6801	1,4136
801	2	0,5000	12	0,0016	0,7012	1,4063
802	3	0,8929	7	0,0273	0,8535	1,8784
803	7	2,5833	8	0,0258	0,8398	2,0181
804	6	1,2040	9	0,0250	0,8404	2,3429
805	4	1,5833	10	0,0067	0,6633	1,6813
806	3	1,2500	11	0,0061	0,6828	1,3076
807	2	0,8333	12	0,0024	0,6273	0,8620
808	2	0,7500	11	0,0016	0,6107	1,0208
809	2	1,2500	11	0,0032	0,6107	1,0208
810	1	0,5000	12	0,0016	0,5659	0,4986
811	2	0,5833	11	0,0067	0,7260	1,3816
812	5	1,0866	11	0,0097	0,7964	2,4572
813	4	1,0333	10	0,0086	0,7940	2,0197
814	2	0,2255	11	0,0016	0,7930	2,0441
815	6	2,2833	11	0,0022	0,7706	1,8882
816	4	0,7699	11	0,0027	0,7983	2,4227
817	2	0,4500	12	0,0016	0,7262	1,5880
818	2	0,2255	11	0,0026	0,7930	2,0441
819	3	0,3366	11	0,0147	0,8345	2,3363
820	2	0,2778	11	0,0024	0,7833	1,7488
821	2	0,1588	11	0,0016	0,7967	2,1151
822	6	1,4193	9	0,0113	0,8424	2,4696
823	6	1,4444	10	0,0150	0,8297	2,2728
824	5	0,8611	10	0,0157	0,8373	2,1385
825	6	1,2526	9	0,0115	0,8425	2,5221
826	3	0,5833	11	0,0016	0,7515	1,7165
827	4	0,7278	10	0,0111	0,8075	2,0322
828	6	1,2000	9	0,0144	0,7848	2,2071
829	4	0,9167	10	0,0018	0,7660	1,8727
830	6	1,5000	10	0,0081	0,7656	2,1606
831	4	1,0000	10	0,0023	0,7611	1,7938
832	4	1,0000	11	0,0017	0,7052	1,7325
833	4	1,0000	11	0,0054	0,7329	1,7842
834	3	0,6667	10	0,0018	0,7610	1,7612
835	5	1,0278	2	0,0215	0,8287	2,3621
836	1	0,3333	5	0,0016	0,6276	0,6368
837	3	1,8333	4	0,0065	0,6833	1,2053
838	3	0,7833	3	0,0081	0,7494	1,6659
839	4	1,5333	3	0,0056	0,7487	1,6597
840	3	1,1667	5	0,0016	0,6286	1,1000
841	2	0,5833	4	0,0016	0,6825	1,1059
842	3	0,9167	4	0,0024	0,6831	1,3057
843	3	0,2992	2	0,0019	0,7940	1,9742
844	2	0,3611	3	0,0016	0,7825	1,7399
845	2	0,5909	2	0,0016	0,7918	1,7196
846	2	0,6111	3	0,0016	0,7821	1,6339
847	5	1,1364	2	0,0047	0,8556	2,2618

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
848	2	0,7000	3	0,0022	0,7705	1,4337
849	2	0,6250	2	0,0021	0,7806	1,5718
850	5	0,8171	1	0,0261	0,8842	2,4640
851	3	0,5095	2	0,0018	0,8299	1,9365
852	1	0,1250	2	0,0016	0,7865	1,4670
853	1	0,1111	5	0,0016	0,6701	1,5154
854	2	0,6111	5	0,0016	0,6702	1,5843
855	2	1,0000	6	0,0016	0,6166	0,8847
856	2	0,6111	5	0,0032	0,6702	1,5843
857	2	0,8333	15	0,0161	0,3555	1,0000
858	2	0,8333	16	0,0145	0,3400	0,9856
859	3	2,0000	17	0,0129	0,3258	1,1493
860	2	0,8333	18	0,0097	0,3127	0,9851
861	2	1,0000	19	0,0081	0,3005	0,8870
862	2	0,8333	20	0,0065	0,2893	1,0189
863	3	2,5000	21	0,0048	0,2789	1,1634
864	1	0,3333	22	0,0016	0,2691	0,5280
865	1	0,3333	22	0,0016	0,2691	0,5280
866	1	0,3333	18	0,0016	0,3126	0,5817
867	2	0,8333	15	0,0081	0,3554	0,9856
868	2	1,0000	16	0,0065	0,3398	0,8620
869	2	1,0000	17	0,0048	0,3254	0,8726
870	2	1,5000	18	0,0032	0,3123	0,7040
871	1	0,5000	19	0,0016	0,3001	0,3333
872	4	2,0000	8	0,0138	0,6229	1,6133
873	3	1,0833	9	0,0107	0,5770	1,4865
874	1	0,2500	9	0,0016	0,5763	0,8847
875	2	0,8333	10	0,0091	0,5376	1,0446
876	2	1,0000	11	0,0076	0,5041	0,8620
877	2	1,0000	12	0,0061	0,4761	0,8491
878	2	1,0000	13	0,0047	0,4521	0,8491
879	2	1,0000	14	0,0034	0,4312	0,8491
880	2	1,0000	15	0,0021	0,4126	0,8491
881	2	1,0000	14	0,0022	0,4353	0,8620
882	2	0,8333	13	0,0038	0,4609	1,0000
883	3	1,0833	12	0,0054	0,4897	1,3076
884	4	1,1429	6	0,0026	0,8114	1,8444
885	3	0,6500	7	0,0083	0,8241	2,1283
886	3	0,7500	6	0,0069	0,8150	1,8194
887	9	3,3667	10	0,0045	0,7717	2,2419
888	7	2,8667	9	0,0056	0,7920	2,0305
889	5	1,5476	8	0,0052	0,8085	2,3650
890	3	0,5873	10	0,0018	0,7635	1,9533
891	3	0,5350	10	0,0048	0,8148	2,1571
892	2	0,2017	10	0,0016	0,8142	2,0821
893	2	0,4500	7	0,0048	0,8101	1,7595
894	2	0,7500	5	0,0022	0,7494	1,3235
895	2	0,6111	4	0,0024	0,7516	1,5887
896	5	1,2833	13	0,0018	0,5822	1,8490
897	4	0,8000	12	0,0018	0,6210	1,8840
898	5	1,6167	11	0,0023	0,6358	1,7852
899	3	0,6000	12	0,0016	0,5925	1,5396
900	5	1,2333	12	0,0040	0,6217	1,8834

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
901	5	1,0512	11	0,0054	0,6661	2,0183
902	3	0,6000	12	0,0026	0,6174	1,6249
903	3	0,9583	13	0,0033	0,5984	1,6043
904	2	0,6667	14	0,0016	0,5567	1,0103
905	2	0,3250	13	0,0016	0,6323	1,5448
906	8	3,2833	13	0,0133	0,6328	2,5000
907	3	0,5088	11	0,0083	0,6901	2,2325
908	4	1,1583	12	0,0048	0,6348	1,9041
909	3	1,0333	13	0,0028	0,6073	1,4666
910	3	1,3333	14	0,0016	0,5635	1,2388
911	2	0,4583	14	0,0020	0,5849	1,4666
912	2	0,6250	14	0,0024	0,5848	1,3938
913	3	1,1250	14	0,0032	0,5849	1,5405
914	2	0,4500	12	0,0016	0,6367	1,3816
915	3	0,9500	12	0,0033	0,6368	1,4653
916	3	0,6333	11	0,0048	0,6925	1,9020
917	2	0,4333	11	0,0048	0,6920	1,7399
918	3	1,3333	12	0,0032	0,6356	1,1982
919	2	0,5333	13	0,0016	0,5886	1,2388
920	2	0,3922	11	0,0054	0,6890	2,0782
921	3	1,2000	12	0,0040	0,6334	1,5968
922	2	0,8333	13	0,0024	0,5856	1,0697
923	2	0,7000	14	0,0016	0,5495	1,2388
924	2	0,3088	11	0,0040	0,6892	2,1134
925	4	1,4000	12	0,0026	0,6348	1,8497
926	2	0,5333	13	0,0016	0,6320	1,2906
927	2	0,4583	14	0,0016	0,5849	1,4666
928	2	0,6250	14	0,0024	0,5848	1,3938
929	2	0,8333	15	0,0016	0,5437	0,9479
930	2	0,8333	15	0,0016	0,5437	0,9479
931	6	1,0306	12	0,0020	0,6433	2,2595
932	4	0,6699	11	0,0016	0,6895	2,3030
933	4	0,8929	12	0,0016	0,6609	1,8188
934	4	0,8373	12	0,0017	0,6586	1,9769
935	2	0,7500	12	0,0016	0,6338	1,4854
936	2	0,5588	11	0,0032	0,6890	2,0305
937	1	0,0588	11	0,0016	0,6885	1,9451
938	2	0,6667	12	0,0031	0,6361	1,4175
939	3	0,3917	11	0,0170	0,7043	2,1565
940	2	0,2667	11	0,0119	0,7021	1,8699
941	2	0,5833	13	0,0016	0,5910	1,1982
942	5	1,3667	12	0,0049	0,6589	1,9533
943	3	1,3333	13	0,0017	0,5932	1,1769
944	2	0,6429	5	0,0029	0,6527	1,5003
945	2	0,6667	6	0,0016	0,6151	1,3272
946	3	0,6250	5	0,0026	0,6833	1,7797
947	3	0,7000	6	0,0018	0,6324	1,6927
948	6	1,7262	5	0,0032	0,6684	2,1362
949	5	1,5000	6	0,0030	0,6388	1,7915
950	6	1,3750	5	0,0144	0,6966	2,0988
951	4	1,0000	6	0,0125	0,6657	1,8141
952	4	0,7278	6	0,0017	0,6508	1,9769
953	4	0,7278	6	0,0028	0,6508	1,9769

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
954	3	0,6667	6	0,0026	0,6508	1,5598
955	4	1,3333	7	0,0020	0,6054	1,4725
956	2	0,4500	7	0,0016	0,5948	1,2388
957	3	1,3333	7	0,0113	0,5854	1,2123
958	3	1,0000	8	0,0064	0,5443	1,2672
959	3	1,1667	9	0,0048	0,5086	1,3791
960	2	1,3333	10	0,0032	0,4771	0,8491
961	1	0,5000	11	0,0016	0,4493	0,4224
962	2	0,6667	8	0,0032	0,5442	0,9851
963	3	1,1667	9	0,0016	0,5085	1,1493
964	2	0,5000	6	0,0129	0,6331	1,5213
965	4	1,0595	5	0,0044	0,6531	1,7488
966	3	0,7000	4	0,0023	0,6923	1,8422
967	2	0,4444	5	0,0036	0,6705	1,6892
968	3	1,0833	6	0,0021	0,6181	1,3592
969	3	1,5833	6	0,0032	0,6034	1,2241
970	1	0,3333	7	0,0016	0,5596	0,6368
971	3	0,9444	5	0,0016	0,6712	1,7701
972	2	0,4762	5	0,0016	0,6625	1,5491
973	3	1,0000	8	0,0016	0,5980	1,3873
974	2	0,3667	6	0,0016	0,6648	1,4222
975	2	0,5000	7	0,0017	0,6314	1,3592
976	7	2,2611	6	0,0091	0,7103	2,2743
977	3	0,5611	8	0,0017	0,6595	1,8518
978	4	1,0667	8	0,0023	0,6798	1,7002
979	2	0,3111	8	0,0060	0,6831	1,7251
980	3	0,5611	8	0,0017	0,6832	1,7626
981	2	0,6429	7	0,0021	0,6633	1,4932
982	2	0,3095	7	0,0016	0,6509	1,6101
983	2	0,3095	7	0,0017	0,6509	1,6101
984	2	0,3095	7	0,0020	0,6523	1,7251
985	5	1,3500	7	0,0070	0,7125	1,9757
986	2	0,7000	8	0,0022	0,6529	1,3455
987	8	1,4266	7	0,0147	0,8509	2,6615
988	3	0,6583	8	0,0016	0,8165	1,8443
989	3	0,5762	9	0,0016	0,7477	1,7842
990	2	0,1909	9	0,0016	0,7459	1,9373
991	3	0,3955	9	0,0027	0,8213	2,2496
992	5	1,0750	8	0,0016	0,8216	2,0250
993	6	1,1524	9	0,0033	0,8057	2,2153
994	6	1,4917	8	0,0023	0,8255	2,1505
995	4	0,6693	9	0,0024	0,8252	2,3086
996	5	0,9345	8	0,0018	0,8420	2,1429
997	7	1,2110	9	0,0071	0,8553	2,6672
998	4	0,9762	10	0,0016	0,7711	1,8443
999	3	0,6667	9	0,0017	0,7639	1,7251
1000	4	0,6326	8	0,0017	0,7979	2,1088
1001	3	1,0833	9	0,0027	0,7483	1,3057
1002	2	0,8333	9	0,0024	0,7308	1,1208
1003	2	0,6429	8	0,0031	0,7499	1,6544
1004	3	1,1429	8	0,0049	0,7501	1,7501
1005	2	0,5000	7	0,0030	0,8014	1,4063
1006	3	1,5000	8	0,0016	0,7266	1,1059

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
1007	2	0,5000	7	0,0016	0,8014	1,4063
1008	2	0,3095	7	0,0026	0,8407	1,6547
1009	4	0,6193	9	0,0027	0,8204	2,3036
1010	3	0,5595	9	0,0016	0,7973	1,9201
1011	6	1,3274	8	0,0160	0,8467	2,3114
1012	4	0,6122	9	0,0029	0,8353	2,3914
1013	3	0,2435	9	0,0085	0,8254	2,4945
1014	11	3,5833	8	0,0180	0,8226	2,5325
1015	4	0,5838	9	0,0030	0,7462	2,1472
1016	2	0,2338	9	0,0016	0,7435	1,7002
1017	2	0,2338	9	0,0016	0,7435	1,7002
1018	7	2,3750	10	0,0026	0,6939	2,0610
1019	4	0,8171	9	0,0031	0,7438	1,9363
1020	4	0,9262	9	0,0017	0,6741	1,8750
1021	3	0,7083	10	0,0016	0,6929	1,6792
1022	4	0,9583	10	0,0018	0,6929	1,7165
1023	3	0,8333	10	0,0016	0,6830	1,3904
1024	8	1,6338	9	0,0147	0,7611	2,6555
1025	3	0,5500	9	0,0031	0,7588	1,9092
1026	5	1,2083	8	0,0138	0,7806	2,1261
1027	4	0,5693	9	0,0152	0,8276	2,5189
1028	4	0,9583	10	0,0057	0,7595	2,0103
1029	4	0,9500	7	0,0135	0,7644	1,7874
1030	6	1,3250	8	0,0057	0,7801	2,1739
1031	3	0,6167	9	0,0021	0,7093	1,5111
1032	4	1,8667	5	0,0092	0,8127	1,6414
1033	3	1,0000	6	0,0065	0,7462	1,4028
1034	2	0,5333	6	0,0066	0,8579	1,4696
1035	3	0,9500	5	0,0059	0,8535	1,5718
1036	2	0,4500	9	0,0016	0,6776	1,2123
1037	5	1,6667	8	0,0171	0,7418	1,6828
1038	4	1,7000	9	0,0141	0,6786	1,5692
1039	2	0,7500	10	0,0065	0,6239	1,1192
1040	2	1,0000	11	0,0048	0,5773	0,8620
1041	1	0,5000	13	0,0016	0,5021	0,3333
1042	2	1,5000	12	0,0032	0,5371	0,7040
1043	2	0,6667	5	0,0030	0,7661	1,4063
1044	2	1,0000	6	0,0016	0,7024	0,9479
1045	2	0,8333	5	0,0019	0,7710	1,2186
1046	4	0,9833	4	0,2199	0,9528	2,1343
1047	3	1,0833	9	0,0025	0,7484	1,2989
1048	2	0,6667	9	0,0021	0,7310	1,2196
1049	2	0,6667	9	0,0019	0,6838	1,1561
1050	3	1,0000	13	0,0081	0,5314	1,3989
1051	2	0,5833	14	0,0016	0,4971	0,9856
1052	4	1,8333	14	0,0048	0,4972	1,2672
1053	2	0,7500	15	0,0016	0,4671	0,8726
1054	2	0,7500	15	0,0016	0,4671	0,8726
1055	3	1,2500	12	0,0059	0,5529	1,3874
1056	2	0,8333	11	0,0049	0,5805	1,0697
1057	2	0,7500	10	0,0062	0,6253	1,1366
1058	1	0,5000	14	0,0016	0,4836	0,4224
1059	2	1,3333	13	0,0032	0,5160	0,8870

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
1060	3	1,8333	17	0,0036	0,4243	1,2064
1061	2	0,8333	16	0,0051	0,4476	1,0000
1062	2	0,8333	17	0,0043	0,4239	1,0446
1063	2	0,8333	18	0,0027	0,4022	1,0208
1064	3	1,0833	19	0,0019	0,3830	1,3270
1065	3	1,0833	19	0,0017	0,3825	1,3750
1066	4	1,5000	18	0,0041	0,4019	1,5669
1067	1	0,3333	18	0,0016	0,4022	0,6368
1068	2	0,8333	15	0,0066	0,4737	1,0446
1069	3	1,1667	14	0,0213	0,5030	1,4028
1070	3	0,9167	15	0,0134	0,4728	1,4644
1071	3	0,9167	13	0,0227	0,5358	1,5506
1072	2	0,8333	15	0,0017	0,4718	0,9856
1073	2	1,0000	16	0,0017	0,4448	0,8620
1074	2	1,0000	15	0,0032	0,4701	0,8491
1075	2	1,0000	14	0,0048	0,4993	0,8491
1076	2	0,8333	12	0,0080	0,5729	1,0208
1077	2	1,0000	13	0,0064	0,5335	0,8620
1078	2	1,0000	10	0,0048	0,6632	1,2028
1079	2	1,5000	11	0,0032	0,6107	0,7040
1080	1	0,5000	12	0,0016	0,5658	0,3333
1081	2	0,5625	9	0,0364	0,7278	1,9582
1082	2	0,8333	10	0,0349	0,6675	1,3069
1083	3	1,1667	11	0,0333	0,6166	1,2064
1084	3	1,0000	12	0,0241	0,5731	1,2989
1085	3	1,0000	12	0,0078	0,5723	1,3057
1086	3	0,9167	13	0,0062	0,5343	1,3874
1087	3	0,8125	9	0,0095	0,7276	2,0713
1088	2	0,8333	10	0,0080	0,6669	1,3069
1089	2	1,0000	11	0,0064	0,6159	0,8620
1090	2	1,0000	12	0,0049	0,5723	0,8870
1091	2	0,7500	13	0,0033	0,5348	1,1192
1092	4	1,5000	14	0,0019	0,5023	1,5692
1093	3	0,9167	14	0,0048	0,5009	1,3874
1094	3	1,1667	15	0,0033	0,4721	1,3007
1095	3	1,5000	13	0,0046	0,5317	1,2222
1096	2	0,8333	14	0,0016	0,4984	0,9851
1097	2	0,8333	15	0,0017	0,4724	0,9856
1098	2	0,6667	14	0,0017	0,5007	1,1000
1099	4	1,4167	10	0,0147	0,6670	1,7082
1100	3	1,0833	11	0,0086	0,6151	1,3873
1101	2	0,6667	12	0,0062	0,5699	1,1366
1102	4	1,2500	11	0,0025	0,6170	1,5405
1103	3	0,9167	12	0,0017	0,5718	1,2989
1104	3	0,8333	11	0,0016	0,6156	1,3846
1105	2	0,7500	11	0,0031	0,6149	1,1769
1106	2	0,8333	12	0,0017	0,5718	1,0697
1107	3	1,3333	14	0,0035	0,5031	1,3057
1108	3	1,1667	13	0,0052	0,5379	1,3873
1109	3	0,8333	12	0,0068	0,5776	1,4666
1110	2	0,5833	16	0,0017	0,4453	1,1192
1111	4	1,6667	16	0,0118	0,4459	1,4711
1112	2	0,5000	17	0,0032	0,4226	1,2123

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
1113	3	1,0000	17	0,0072	0,4227	1,5154
1114	2	0,8333	18	0,0032	0,4008	1,0000
1115	2	0,8333	19	0,0016	0,3820	0,9856
1116	3	1,0833	13	0,0177	0,5435	1,2989
1117	2	0,8333	14	0,0161	0,5082	1,0446
1118	2	0,7500	15	0,0145	0,4771	1,1366
1119	3	1,1000	14	0,0052	0,6018	1,6795
1120	2	0,8333	15	0,0041	0,5719	1,1208
1121	1	0,3333	15	0,0016	0,5520	0,9459
1122	4	2,0000	16	0,0129	0,4496	1,8957
1123	1	0,2500	17	0,0016	0,4248	0,8462
1124	4	1,5000	17	0,0048	0,4249	1,8333
1125	2	0,7500	18	0,0016	0,4027	0,8870
1126	2	0,7500	18	0,0016	0,4027	0,8870
1127	4	2,5000	17	0,0048	0,4249	1,8333
1128	1	0,2500	18	0,0016	0,4027	0,8064
1129	1	0,2500	18	0,0016	0,4027	0,8064
1130	3	0,7333	13	0,0081	0,6412	1,6101
1131	2	0,6667	15	0,0016	0,5500	0,8491
1132	3	1,8333	15	0,0032	0,5500	1,0189
1133	3	1,1667	14	0,0065	0,5922	1,2053
1134	1	0,3333	16	0,0016	0,5133	0,5280
1135	2	0,5000	9	0,0152	0,7764	1,6277
1136	4	1,2083	9	0,0158	0,7992	1,8018
1137	3	0,9583	13	0,0043	0,6060	1,6071
1138	2	0,6667	14	0,0030	0,5716	1,2196
1139	3	1,0000	14	0,0072	0,5941	1,6503
1140	3	1,0833	13	0,0023	0,5608	1,2989
1141	3	0,9167	13	0,0064	0,5788	1,3938
1142	4	1,5000	12	0,0074	0,5732	1,3874
1143	2	0,5833	12	0,0016	0,5518	1,0208
1144	3	1,0000	11	0,0074	0,5723	1,3873
1145	4	1,2500	10	0,0132	0,5939	1,6684
1146	3	0,9167	11	0,0054	0,5517	1,3873
1147	3	1,1667	11	0,0045	0,5343	1,2053
1148	2	0,8333	10	0,0049	0,5406	1,0000
1149	2	0,8333	9	0,0059	0,5652	1,0446
1150	3	1,0000	8	0,0075	0,6095	1,3938
1151	3	1,1667	12	0,0048	0,5151	1,2064
1152	2	1,3333	13	0,0032	0,4828	0,8491
1153	1	0,5000	14	0,0016	0,4544	0,4224
1154	1	0,1429	7	0,0016	0,8398	1,3996
1155	4	0,6504	7	0,0073	0,8468	2,1424
1156	1	0,2000	9	0,0016	0,6727	1,0699
1157	5	2,7083	8	0,0081	0,7371	1,9041
1158	4	1,2833	8	0,0032	0,7029	1,7257
1159	3	1,0000	6	0,0126	0,7547	1,5000
1160	2	0,5833	7	0,0016	0,6883	1,1982
1161	3	0,7000	7	0,0072	0,7288	1,7372
1162	4	1,4167	6	0,0092	0,7447	1,6179
1163	2	0,5833	7	0,0016	0,7017	1,0953
1164	1	0,2500	6	0,0016	0,7351	0,8847
1165	1	0,2000	9	0,0016	0,6727	1,0699

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
1166	2	0,2338	9	0,0016	0,7435	1,7002
1167	2	1,3333	5	0,0032	0,7284	1,0699
1168	1	0,5000	6	0,0016	0,6655	0,4224
1169	2	0,2193	9	0,0033	0,8298	2,1888
1170	4	1,0833	9	0,0027	0,7398	1,7165
1171	5	2,1667	9	0,0040	0,7154	1,7852
1172	1	0,2000	10	0,0016	0,6546	1,0103
1173	4	0,9500	10	0,0016	0,7194	1,6795
1174	1	0,2500	10	0,0016	0,6302	0,8847
1175	1	0,2500	8	0,0016	0,6286	0,7662
1176	2	1,3333	5	0,0032	0,6277	0,8491
1177	1	0,5000	6	0,0016	0,5804	0,4224
1178	1	0,1111	4	0,0016	0,7307	1,4222
1179	3	1,5833	8	0,0032	0,6503	1,2064
1180	1	0,3333	9	0,0016	0,5997	0,6368
1181	2	0,4500	10	0,0016	0,6812	1,2552
1182	2	0,4000	13	0,0016	0,5789	1,2241
1183	2	0,4000	13	0,0016	0,5789	1,2241
1184	3	0,5588	11	0,0033	0,6893	2,1643
1185	3	0,4762	13	0,0016	0,6374	1,6101
1186	3	0,5929	10	0,0016	0,7725	1,6993
1187	6	1,7278	9	0,0400	0,8268	2,2396
1188	4	1,6429	10	0,0034	0,7773	1,8950
1189	5	1,1444	10	0,0443	0,7863	2,2131
1190	1	0,2500	11	0,0016	0,7060	1,0544
1191	2	0,3333	9	0,0016	0,7917	1,5764
1192	1	0,1667	9	0,0016	0,7653	1,2416
1193	5	2,0333	13	0,0065	0,6266	1,8518
1194	1	0,2000	14	0,0016	0,5795	1,0405
1195	1	0,1667	14	0,0016	0,5808	1,2416
1196	1	0,3333	13	0,0016	0,5627	0,5817
1197	2	0,8333	13	0,0031	0,5682	0,9851
1198	2	1,0000	13	0,0025	0,5540	0,8620
1199	2	1,0000	14	0,0024	0,5462	0,8620
1200	3	1,0833	11	0,0052	0,6293	1,2989
1201	2	0,8333	12	0,0036	0,5823	1,0000
1202	2	0,6667	4	0,0016	0,6568	0,9479
1203	2	0,1699	11	0,0016	0,7930	2,1796
1204	2	0,2540	9	0,0016	0,7758	1,6328
1205	4	0,7540	9	0,0056	0,8069	2,0183
1206	3	0,5873	9	0,0016	0,7761	1,7820
1207	2	0,2540	9	0,0016	0,7758	1,6328
1208	2	0,2540	9	0,0016	0,7758	1,6328
1209	2	0,1588	11	0,0016	0,7967	2,1151
1210	2	0,2017	10	0,0016	0,8142	2,0821
1211	2	0,2017	10	0,0016	0,8142	2,0821
1212	2	0,1588	11	0,0016	0,7967	2,1151
1213	3	0,3167	9	0,0024	0,8313	2,2862
1214	2	0,6000	12	0,0016	0,7273	1,5785
1215	2	0,6000	12	0,0032	0,7273	1,5785
1216	2	1,0000	13	0,0016	0,6646	0,9217
1217	2	0,1333	9	0,0016	0,8448	2,3819
1218	2	0,4000	9	0,0048	0,7698	2,0667

Table A.1. (cont.) Data Spreadsheets - Mindwalk Software

ID	CONNECTIVITY	CONTROL	DEPTH	FAST CHOICE	GLOBAL INT	LOCAL INT R3
1219	3	2,0000	10	0,0032	0,7003	1,3035
1220	2	0,5833	10	0,0017	0,7081	1,4166
1221	1	0,3333	11	0,0016	0,6420	0,5817
1222	2	0,4762	8	0,0044	0,7836	1,5347
1223	2	0,1381	8	0,0016	0,7905	2,2045
1224	2	0,1381	8	0,0017	0,7905	2,2045
1225	4	1,0250	9	0,0016	0,7775	1,8699
1226	2	0,3214	9	0,0016	0,7409	1,8141
1227	3	0,8250	9	0,0022	0,7773	1,7849
1228	2	0,4000	8	0,0016	0,7839	1,9378
1229	2	0,4000	9	0,0016	0,7314	1,6407
1230	3	1,5833	10	0,0032	0,7306	1,3089
1231	1	0,3333	11	0,0016	0,6673	0,6368
1232	2	0,3667	4	0,0016	0,7218	1,5003
1233	2	0,3667	4	0,0016	0,7218	1,5003
1234	2	0,2250	4	0,0016	0,7026	1,7520
1235	2	0,3095	3	0,0016	0,7805	1,5592

APPENDIX B

DATA SPREADSHEETS - DEPTHMAP SOFTWARE

Table B.1. Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice
							[Connectivity Wgt]
0	3915,6253	4185,3885	4075,7187	4100,7325	79	2	7026
1	3925,6061	4100,5159	4037,3702	4037,3951	0	0	4170
2	3893,2978	3813,5903	4156,9942	4262,2914	28185	208	389527
3	3996,1129	4316,7682	4163,7265	4242,9201	457	0	15445
4	3886,6211	4007,6311	4256,3087	4674,7160	14179	45	239083
5	3862,3689	4005,5898	4008,5651	3937,1835	10552	14	131670
6	3989,4960	3940,0044	4207,7308	3954,8140	8119	22	79322,5
7	3834,5996	3968,7971	3954,1438	3896,0573	1472	0	23204
8	3702,6029	3925,2775	3784,1669	3875,5409	117	4	8101
9	3587,8323	3746,2400	3892,2414	4014,9418	29439	99	427465,5
10	4137,5496	4224,7858	4285,1374	4672,9911	4154	39	88088,5
11	4325,8946	4542,2233	4481,5517	4461,6836	74	0	10613
12	4342,8753	4594,5035	4478,7216	4453,2058	13	0	8460
13	4236,1974	4537,7116	4477,3065	4427,7722	0	10	8256
14	4324,4795	4276,5836	4416,4587	4580,3737	909	26	29836
15	4332,9699	4665,1524	4514,0982	4430,5981	512	7	15734
16	4179,3284	4643,6746	4355,6109	4653,8486	1831	17	34803
17	4216,3929	4477,3676	4480,1366	4386,7958	53	1	10307
18	4473,3279	4033,1606	4475,9779	4510,6593	6614	58	106590
19	4110,8912	4431,5325	4480,2231	4338,2760	6373	22	105139
20	4076,9296	4461,2050	4132,1172	4432,9455	2	0	4080
21	4076,9296	4366,5356	4449,0917	4243,6065	2195	38	69144
22	4250,9826	4300,1256	4368,4330	4640,6532	53	50	21880
23	4109,5634	4191,6086	4464,6574	4116,4385	4801	20	61199
24	4436,3561	4115,0256	4513,0629	4136,9297	2045	14	34936
25	4225,4752	3838,5378	4616,0331	3821,5820	6783	39	88025
26	4470,2814	4203,0860	4624,5235	3776,3668	5756	42	81318
27	4436,3199	3821,5820	4491,6671	4172,7911	146	9	10545
28	4539,0479	3928,0466	4547,4534	3806,7284	89	1	7451
29	4535,9914	3915,8385	4582,6036	3995,1913	9	3	4245
30	4590,2127	3826,9077	4605,4954	3686,5142	985	3	10629
31	4596,3687	3691,9766	4643,7451	3695,0286	101	2	6363
32	3729,9993	3900,5906	3915,6841	3836,4980	1360	12	24080
33	3862,9491	3823,3862	4364,9858	3806,6000	27345	108	361579
34	4352,7596	3720,3801	4362,6934	3840,9354	5923	21	87707
35	3817,8898	4000,8811	4204,0097	4663,3905	1525	24	29925,5
36	3467,1878	3704,7334	3864,0631	4051,7336	2523	25	42578,5
37	3418,2597	3660,8168	3471,3229	3611,2873	1707	4	26688
38	3456,4382	3619,7170	3642,0482	3565,2134	35742	29	473644
39	3416,2578	3575,1935	3552,6196	3508,3289	9794	0	119791
40	3316,4215	3550,8791	3374,2298	3503,0896	935	3	17431
41	3350,5120	3517,4468	3505,1365	3428,0914	9654	36	120806
42	3610,1990	3773,5036	3674,1618	3718,5059	19884	17	243204,5
43	3640,4037	3705,4957	3924,6824	3852,1564	49760	104	666949
44	3131,9385	3360,2546	3227,8826	3275,6881	1153	12	21626,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
0	461,5	0,000800406	0,01220496	0,000103007	0,0012987
1	239	0,000475049	0,006858356	0	0
2	6082	0,04437512	0,07343238	0,03674989	0,0556001
3	390	0,001759502	0,01031405	0,000595874	0
4	2033	0,02723646	0,04970903	0,01848773	0,0281955
5	903	0,01499991	0,01774747	0,01375856	0,0054773
6	743	0,00903646	0,04797262	0,01058621	0,0268293
7	215	0,002643412	0,005008794	0,001919313	0
8	449,5	0,00092287	0,01510011	0,000152554	0,0038647
9	3316	0,04869709	0,04043286	0,03838496	0,0298103
10	2368,5	0,01003509	0,06497943	0,005416323	0,0235935
11	272	0,001209038	0,02984911	9,65E-05	0
12	272	0,000963768	0,02984911	1,70E-05	0
13	1021	0,000940528	0,0505433	0	0,0128205
14	1032	0,003398933	0,08164234	0,001185228	0,0687831
15	522	0,001792425	0,03295039	0,000667587	0,0132576
16	674	0,003964776	0,02570508	0,002387407	0,0179704
17	306	0,001174179	0,01514814	6,91E-05	0,0012821
18	2030	0,01214279	0,1025227	0,008623871	0,0707317
19	1276	0,01197749	0,04782519	0,008309635	0,0222222
20	71	0,000464796	0,005760883	2,61E-06	0
21	1449	0,007876921	0,06963668	0,002862019	0,0512821
22	1390	0,002492581	0,109964	6,91E-05	0,1322751
23	879	0,006971822	0,02484595	0,006259934	0,0116891
24	843	0,003979927	0,03751335	0,002666437	0,012951
25	1398	0,01002785	0,09235038	0,008844227	0,05
26	1114	0,009263788	0,06303757	0,007505141	0,059744
27	510	0,001201292	0,03113458	0,000190367	0,0142857
28	85	0,000848822	0,02528257	0,000116045	0,005848
29	124	0,000483593	0,02690972	1,17E-05	0,0118577
30	73	0,001210861	0,02171327	0,001284323	0,0175439
31	65	0,000724876	0,02984389	0,000131692	0,0166667
32	884	0,002743206	0,01395026	0,001773278	0,0044428
33	3983	0,04119127	0,05105592	0,03565463	0,0288693
34	1260	0,009991627	0,04486461	0,007722889	0,0127042
35	619,5	0,003409128	0,02891549	0,001988419	0,0292683
36	812	0,004850565	0,0351325	0,003289692	0,0337382
37	595	0,003040311	0,01222469	0,002225725	0,0018648
38	1646	0,05395777	0,01805527	0,04660333	0,0066346
39	466	0,01364665	0,005854235	0,01277021	0
40	589,5	0,001985749	0,01116213	0,001219129	0,0012072
41	1953	0,01376228	0,0224626	0,01258767	0,0082361
42	1566,5	0,02770598	0,0193869	0,02592638	0,0046512
43	5848	0,07597917	0,0473505	0,06488113	0,0164349
44	824	0,002463702	0,01692965	0,001503375	0,0051151
45	707,5	0,002694106	0,01453608	0,001684615	0,0029838
46	371	0,000832417	0,008468773	0,000177328	0,0009921
47	1251	0,01204926	0,02354247	0,009938183	0,0111888
48	2229	0,01450732	0,04326433	0,01151588	0,0321932
49	9590,5	0,1815473	0,08757488	0,160792	0,0829703
50	298,5	0,007702337	0,02065744	0,005467174	0,0075758
51	178,5	0,002316745	0,03300666	0,00212663	0,0263158

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
0	3	0,383824	0,1153846	4,390254	1,231568	5,687707
1	2	0,183824	0,08333334	4,383079	1,170449	5,53607
2	17	6,294445	0,3541667	4,40872	1,504544	6,112752
3	4	0,494935	0,137931	4,393317	1,29819	5,766104
4	8	2,285714	0,32	4,35215	1,369654	5,549644
5	3	0,401681	0,1071429	4,362541	1,147123	5,395337
6	5	1,658333	0,2941177	4,401807	1,317267	5,582599
7	2	0,201681	0,08695652	4,351664	1,092216	5,253567
8	3	0,72619	0,2307692	4,332038	1,047939	5,337368
9	7	1,941667	0,21875	4,292657	1,250228	5,424479
10	9	1,785014	0,2727273	4,441038	1,464587	6,173816
11	4	0,586111	0,2666667	4,458879	1,470691	5,683286
12	4	0,586111	0,2666667	4,458879	1,470691	5,683286
13	4	0,447222	0,2	4,468394	1,352684	6,121926
14	8	1,72619	0,4705882	4,425349	1,551859	5,680285
15	4	0,586111	0,2105263	4,43588	1,411175	5,638682
16	4	0,686111	0,1904762	4,40474	1,324499	5,557838
17	4	0,447222	0,2	4,468394	1,352684	6,121926
18	10	2,25	0,4545455	4,447235	1,508891	5,759855
19	6	0,905556	0,2307692	4,406162	1,432638	5,630427
20	2	0,325	0,1818182	4,365121	1,245447	5,288921
21	7	1,305556	0,2916667	4,401743	1,497593	5,635573
22	9	1,97619	0,4736842	4,425947	1,577432	5,68999
23	3	0,808824	0,125	4,431479	1,186597	5,947062
24	4	0,85	0,2352941	4,472437	1,206117	6,116353
25	8	2,583333	0,4210526	4,486369	1,438422	6,2325
26	6	1,558333	0,2608696	4,495674	1,470141	6,046469
27	4	0,641667	0,1904762	4,487161	1,392982	5,965949
28	3	0,958333	0,2727273	4,497531	1,459047	6,027833
29	2	0,5	0,2222222	4,502765	1,222542	5,733592
30	2	0,625	0,1818182	4,496246	1,379365	5,885159
31	2	0,833333	0,3333333	4,531229	1,211222	5,803524
32	4	0,701681	0,1538462	4,328508	1,140975	5,636637
33	10	3,058824	0,2777778	4,396486	1,320818	6,066131
34	3	0,391667	0,1363636	4,437618	1,16322	5,945358
35	5	1,666667	0,4166667	4,403222	1,113307	5,525288
36	3	0,658333	0,1764706	4,323706	1,266317	5,353513
37	3	0,441667	0,1428571	4,261276	1,075168	5,249348
38	4	0,716667	0,1212121	4,251795	1,113688	5,50599
39	2	0,133333	0,07142857	4,237865	1,011159	5,282205
40	3	0,358333	0,1304348	4,262468	1,076089	5,253797
41	6	1,204762	0,1463415	4,258547	1,245463	5,586607
42	3	0,376191	0,1153846	4,283917	1,028227	5,264072
43	6	1,142157	0,1333333	4,322693	1,190328	5,864169
44	3	0,263095	0,09677419	4,210931	1,195043	5,416713
45	3	0,391667	0,1304348	4,206025	1,091276	5,407204
46	2	0,266667	0,1	4,198287	1,027866	5,258982
47	4	0,35049	0,1081081	4,231114	1,270973	5,107534
48	8	2,35	0,3076923	4,265004	1,25686	5,419525
49	15	4,493347	0,3	4,229672	1,430539	5,359757
50	3	0,72619	0,25	4,362372	1,206585	5,608498
51	3	0,916667	0,3333333	4,332645	1,355346	5,509441

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
0	9,731273	0,7197981	2,249617	0,7197981	2,249617	0,3751135
1	6,898013	0,7156408	2,164289	0,7156408	2,164289	0,3748848
2	34,14226	0,754104	3,134604	0,754104	3,134604	0,3769625
3	12,21818	0,7200154	2,362098	0,7200154	2,362098	0,3751254
4	18,36522	0,741561	2,361852	0,741561	2,361852	0,3762943
5	10,06993	0,7511355	2,342119	0,7511355	2,342119	0,3768052
6	12,08791	0,6864962	1,995536	0,6864962	1,995536	0,3732508
7	6,963907	0,7496601	2,180428	0,7496601	2,180428	0,3767268
8	8,44138	0,7473699	1,862313	0,7473699	1,862313	0,3766049
9	19,5952	0,8082104	2,527203	0,8082104	2,527203	0,3797483
10	20,71992	0,6930285	2,645343	0,6930285	2,645343	0,3736217
11	9,072165	0,5978771	1,836944	0,5978771	1,836944	0,3679201
12	9,072165	0,5978771	1,836944	0,5978771	1,836944	0,3679201
13	10,98039	0,6416655	2,061288	0,6416655	2,061288	0,370627
14	12	0,6364859	2,178368	0,6364859	2,178368	0,3703146
15	10,30675	0,6442652	2,020198	0,6442652	2,020198	0,3707831
16	11,29412	0,6927266	2,103643	0,6927266	2,103643	0,3736047
17	10,98039	0,6416655	2,061288	0,6416655	2,061288	0,370627
18	16,60377	0,6476766	2,386818	0,6476766	2,386818	0,3709871
19	14,85342	0,6926763	2,355932	0,6926763	2,355932	0,3736018
20	5,818182	0,6801828	1,559287	0,6801828	1,559287	0,3728897
21	14,93333	0,6866444	2,360296	0,6866444	2,360296	0,3732593
22	12,41379	0,6366133	2,403717	0,6366133	2,403717	0,3703223
23	9,72973	0,691221	2,208196	0,691221	2,208196	0,3735194
24	10,94118	0,6432661	1,997661	0,6432661	1,997661	0,3707232
25	14,78992	0,6471055	2,175804	0,6471055	2,175804	0,370953
26	13,71429	0,6298055	2,273562	0,6298055	2,273562	0,3699087
27	10,66667	0,6252654	2,102422	0,6252654	2,102422	0,3696308
28	6,810811	0,6006625	1,539575	0,6006625	1,539575	0,3680969
29	5,454545	0,5823673	1,438096	0,5823673	1,438096	0,3669236
30	5,433962	0,6006247	1,480361	0,6006247	1,480361	0,3680945
31	4,327869	0,5657569	1,170816	0,5657569	1,170816	0,3658327
32	12,57754	0,7786602	2,328881	0,7786602	2,328881	0,3782457
33	25,12077	0,7580585	2,672918	0,7580585	2,672918	0,3771714
34	9,617329	0,7025717	2,156529	0,7025717	2,156529	0,3741587
35	10	0,6961637	1,844359	0,6961637	1,844359	0,3737988
36	8,815724	0,7430047	1,920241	0,7430047	1,920241	0,3763717
37	9,664264	0,8147672	2,175034	0,8147672	2,175034	0,3800759
38	13,25191	0,8536212	2,515923	0,8536212	2,515923	0,3819753
39	7,189157	0,8423169	2,381851	0,8423169	2,381851	0,3814298
40	9,843172	0,8097881	2,239003	0,8097881	2,239003	0,3798274
41	18,63959	0,8441801	2,693101	0,8441801	2,693101	0,3815201
42	10,12194	0,8171397	2,357619	0,8171397	2,357619	0,3801939
43	19,27941	0,8200192	2,773432	0,8200192	2,773432	0,3803367
44	10,10072	0,8255537	2,399499	0,8255537	2,399499	0,3806102
45	9,822182	0,8253394	2,229623	0,8253394	2,229623	0,3805996
46	6,88414	0,8198783	2,124049	0,8198783	2,124049	0,3803298
47	12,71523	0,8402399	2,576942	0,8402399	2,576942	0,381329
48	19,45879	0,80698	2,403333	0,80698	2,403333	0,3796867
49	34,68934	0,8871152	3,049121	0,8871152	3,049121	0,383559
50	7,93985	0,7283148	1,709399	0,7283148	1,709399	0,3755789
51	6,486486	0,7179025	1,438296	0,7179025	1,438296	0,3750093

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
0	0,4522116	0,410738	0,845776	181,0981	11,69814	2,5
1	0,4492459	0,407698	0,785057	128,3568	11,76029	2,537037
2	0,4738183	0,432125	1,214677	520,4503	11,21146	2,264368
3	0,4572466	0,411148	0,936668	183,1607	11,69491	2,428571
4	0,4567288	0,419484	0,98074	762,6737	11,38418	2,438596
5	0,4500107	0,425915	0,741062	161,4086	11,25182	2,583333
6	0,4486734	0,392764	0,922087	218,7367	12,21711	2,487805
7	0,4461793	0,424019	0,692097	139,9353	11,27199	2,619048
8	0,4381714	0,420817	0,648068	95,53226	11,30347	2,673913
9	0,454321	0,45094	0,830152	406,0364	10,52785	2,536585
10	0,468218	0,400035	1,167711	471,8794	12,11138	2,293103
11	0,4584962	0,346494	1,233483	175,2592	13,87974	2,28
12	0,4584962	0,346494	1,233483	196,0083	13,87974	2,28
13	0,4530689	0,372667	0,990358	264,9911	13,00081	2,425
14	0,4754888	0,366097	1,451739	317,4092	13,09847	2,142857
15	0,4579231	0,371454	1,115813	296,3497	12,95238	2,333333
16	0,4521887	0,396593	0,94607	176,5759	12,11622	2,454545
17	0,4530689	0,372667	0,990358	278,862	13,00081	2,425
18	0,4691052	0,374377	1,267468	477,506	12,88943	2,243902
19	0,4640288	0,396692	1,13623	380,9236	12,11703	2,311111
20	0,4362945	0,385908	0,862233	62,00214	12,32123	2,538461
21	0,4698266	0,392843	1,274547	391,9389	12,21469	2,230769
22	0,4893893	0,36622	1,633769	360,2133	13,09605	2,035714
23	0,4489864	0,398133	0,782371	362,9632	12,14044	2,559322
24	0,4447704	0,373935	0,793063	79,77301	12,97094	2,574468
25	0,4592099	0,377338	1,112742	390,9258	12,89992	2,35
26	0,4663821	0,368011	1,219904	453,7399	13,2268	2,263158
27	0,4592048	0,364666	1,096603	355,5434	13,31558	2,333333
28	0,4489722	0,351126	1,215872	121,6091	13,82002	2,315789
29	0,4312859	0,340827	0,838314	92,03027	14,22276	2,565217
30	0,4435675	0,351004	1,103492	141,2228	13,82082	2,368421
31	0,4206516	0,333198	0,857949	47,47458	14,61098	2,5625
32	0,4488751	0,43808	0,725196	196,435	10,88943	2,608108
33	0,4582839	0,433186	0,908063	502,3172	11,15819	2,482759
34	0,4470633	0,405232	0,754176	120,9638	11,96045	2,586207
35	0,4402367	0,398424	0,719367	766,8163	12,06134	2,609756
36	0,4460518	0,417554	0,873322	527,1804	11,364	2,51282
37	0,4449028	0,451275	0,667003	72,587	10,45117	2,651515
38	0,4511054	0,471745	0,700664	193,4469	10,02098	2,617021
39	0,447447	0,463973	0,616392	151,873	10,14205	2,670455
40	0,4460668	0,448643	0,667917	75,00417	10,50928	2,647887
41	0,4573	0,467268	0,839142	178,5865	10,12187	2,510638
42	0,4469636	0,454994	0,625565	84,35631	10,42373	2,674419
43	0,4562918	0,460731	0,775414	319,8809	10,39064	2,557522
44	0,4533244	0,451848	0,804356	127,8935	10,32768	2,521739
45	0,4462832	0,451204	0,682048	139,1974	10,3301	2,637681
46	0,4433219	0,447394	0,630295	90,05785	10,39225	2,671875
47	0,4615858	0,462091	0,935771	69,38947	10,16465	2,393939
48	0,4528011	0,447353	0,837907	934,1788	10,54237	2,535211
49	0,4673161	0,487706	1,065073	935,7788	9,680387	2,366337
50	0,4385627	0,412958	0,80439	185,5194	11,57304	2,575758
51	0,4372112	0,40428	1,01651	54,78519	11,72639	2,45

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
0	10,71575	2,425455	1240	57	0,017283	0,054545
1	10,77733	2,458333	1240	55	0,017383	0,058001
2	10,20907	2,238329	1240	88	0,016497	0,029404
3	10,70979	2,334545	1240	57	0,017278	0,051948
4	10,43699	2,311189	1240	58	0,016776	0,051378
5	10,29928	2,45768	1240	73	0,016562	0,044601
6	11,26659	2,409091	1240	42	0,018121	0,07439
7	10,31766	2,508533	1240	64	0,016595	0,052227
8	10,35632	2,573771	1240	47	0,016645	0,074396
9	9,602386	2,466667	1240	83	0,015392	0,03794
10	11,09451	2,111111	1240	59	0,017951	0,045372
11	12,86014	2,088889	1240	26	0,020807	0,106667
12	12,86014	2,088889	1240	26	0,020807	0,106667
13	11,97279	2,174129	1240	41	0,019387	0,073077
14	12,10501	2,037736	1240	29	0,019545	0,084656
15	11,95632	2,162921	1240	34	0,019309	0,083333
16	11,13962	2,30131	1240	45	0,017958	0,067653
17	11,97279	2,174129	1240	41	0,019387	0,073077
18	11,87804	2,080402	1240	42	0,019207	0,062195
19	11,13294	2,108225	1240	46	0,01796	0,059596
20	11,37494	2,566879	1240	27	0,01829	0,123077
21	11,23437	2,073529	1240	40	0,018117	0,064777
22	12,10191	1,955975	1240	29	0,019541	0,07672
23	11,13699	2,481203	1240	60	0,017997	0,05377
24	11,94415	2,424528	1240	48	0,019339	0,068455
25	11,86563	2,298851	1240	41	0,019224	0,069231
26	12,17375	2,271277	1240	39	0,019753	0,068279
27	12,27542	2,309392	1240	37	0,019896	0,07619
28	12,77613	2,292683	1240	20	0,020711	0,146199
29	13,17017	2,416667	1240	24	0,021361	0,142293
30	12,77709	2,341463	1240	20	0,020712	0,152047
31	13,52673	2,5	1240	17	0,021989	0,208333
32	9,925537	2,5	1240	75	0,015976	0,044058
33	10,15537	2,435443	1240	88	0,016411	0,034483
34	10,93652	2,438818	1240	59	0,017707	0,055656
35	11,09928	2,536232	1240	42	0,01787	0,080488
36	10,44201	2,562791	1240	40	0,016743	0,079622
37	9,518854	2,49359	1240	67	0,015268	0,050816
38	9,064917	2,466042	1240	95	0,014573	0,034775
39	9,206205	2,511278	1240	89	0,014769	0,038401
40	9,58568	2,458462	1240	72	0,015362	0,047082
41	9,179475	2,323741	1240	95	0,014736	0,032487
42	9,485441	2,527363	1240	87	0,015224	0,039398
43	9,412411	2,43662	1240	114	0,015171	0,027813
44	9,42315	2,358974	1240	70	0,015069	0,044757
45	9,425776	2,461539	1240	70	0,015073	0,048167
46	9,48735	2,537162	1240	65	0,015173	0,053075
47	9,292602	2,346626	1240	67	0,014806	0,04289
48	9,64105	2,417445	1240	72	0,015416	0,043863
49	8,773747	2,260684	1240	102	0,014023	0,027327
50	10,55728	2,570588	1240	34	0,017081	0,098485
51	10,73365	2,519231	1240	21	0,017329	0,152632

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
0	0,671304	0,229358	1,389278	0,44452	4,004272	2,155611	4190
1	0,669394	0,209524	1,397349	0,462045	4,005109	2,235043	4190
2	0,676585	0,356725	1,326077	0,31902	4,050255	1,767133	4190
3	0,671403	0,266055	1,388859	0,423353	4,007616	2,038246	4190
4	0,68095	0,261261	1,348507	0,423397	3,919807	2,016246	4190
5	0,685017	0,191489	1,331318	0,426964	3,970745	2,312766	4190
6	0,665358	0,227848	1,456672	0,501119	4,017725	2,077297	4190
7	0,684397	0,170732	1,333938	0,458626	3,954636	2,381938	4190
8	0,68343	0,134832	1,338026	0,536967	3,917344	2,46442	4190
9	0,698236	0,217391	1,237302	0,395694	3,830764	2,204107	4190
10	0,658607	0,336283	1,442942	0,378023	4,085902	1,794563	4190
11	0,636806	0,319149	1,672584	0,544383	4,13347	1,706968	4190
12	0,636806	0,319149	1,672584	0,544383	4,13347	1,706968	4190
13	0,641978	0,25974	1,558444	0,485134	4,122968	1,973669	4190
14	0,649234	0,396226	1,571127	0,459059	4,07222	1,565248	4190
15	0,653469	0,301587	1,552156	0,495001	4,073498	1,826375	4190
16	0,668368	0,247059	1,443571	0,475366	4,013008	2,029746	4190
17	0,641978	0,25974	1,558444	0,485134	4,122968	1,973669	4190
18	0,655294	0,35443	1,54398	0,418968	4,095484	1,728268	4190
19	0,668344	0,321839	1,443676	0,42446	4,021662	1,815904	4190
20	0,662252	0,183674	1,470193	0,641319	3,956639	2,118223	4190
21	0,665431	0,36	1,456358	0,423676	4,018023	1,685204	4190
22	0,649304	0,45283	1,570812	0,416022	4,076972	1,434386	4190
23	0,657715	0,2	1,446715	0,452858	4,079522	2,249662	4190
24	0,642869	0,186813	1,554566	0,500586	4,137228	2,246876	4190
25	0,644988	0,298701	1,545343	0,4596	4,158568	1,876671	4190
26	0,645513	0,342466	1,587792	0,439838	4,163865	1,731679	4190
27	0,642939	0,304348	1,599321	0,475642	4,161825	1,846774	4190
28	0,628314	0,285714	1,664828	0,64953	4,177704	1,713735	4190
29	0,627134	0,162791	1,717129	0,695364	4,188897	2,151063	4190
30	0,628291	0,257143	1,664933	0,675511	4,176825	1,812828	4190
31	0,616186	0,137931	1,767544	0,854105	4,230767	2,120913	4190
32	0,686784	0,17931	1,284257	0,429391	3,910828	2,346036	4190
33	0,678272	0,245614	1,31916	0,374123	4,041461	2,108721	4190
34	0,663245	0,185841	1,423342	0,463708	4,095767	2,293234	4190
35	0,670006	0,164557	1,436444	0,542194	4,026482	2,376666	4190
36	0,68157	0,213333	1,345886	0,520768	3,892574	2,118911	4190
37	0,700665	0,155039	1,227345	0,459763	3,787747	2,432844	4190
38	0,705194	0,178378	1,17148	0,397468	3,774789	2,383217	4190
39	0,701237	0,150289	1,187202	0,419842	3,758003	2,51024	4190
40	0,698824	0,158273	1,234891	0,446627	3,789293	2,43118	4190
41	0,701896	0,232432	1,184581	0,371319	3,76854	2,180645	4190
42	0,701534	0,147929	1,223781	0,424157	3,851292	2,50205	4190
43	0,693113	0,210762	1,219484	0,360564	3,912135	2,273408	4190
44	0,695171	0,222222	1,211308	0,416754	3,69978	2,215364	4190
45	0,695091	0,162963	1,211623	0,448506	3,695903	2,407955	4190
46	0,69306	0,144	1,219693	0,470799	3,691934	2,484656	4190
47	0,709739	0,286822	1,190136	0,388057	3,735144	2,036954	4190
48	0,697776	0,215827	1,239188	0,416089	3,780748	2,205693	4190
49	0,716324	0,306533	1,127249	0,327963	3,714058	1,919811	4190
50	0,675148	0,174603	1,373033	0,585001	3,943458	2,220427	4190
51	0,670436	0,216216	1,392947	0,695267	3,921669	1,940889	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
0	275	14494	140
1	264	14571	137
2	407	13891	197
3	275	14490	136
4	286	14105	139
5	319	13941	186
6	176	15137	102
7	293	13966	165
8	244	14005	123
9	405	13044	208
10	270	15006	133
11	135	17197	57
12	135	17197	57
13	201	16108	97
14	159	16229	60
15	178	16048	77
16	229	15012	108
17	201	16108	97
18	199	15970	92
19	231	15013	104
20	157	15266	66
21	204	15134	87
22	159	16226	57
23	266	15042	151
24	212	16071	121
25	174	15983	94
26	188	16388	86
27	181	16498	84
28	82	17123	44
29	96	17622	59
30	82	17124	45
31	66	18103	41
32	356	13492	193
33	395	13825	216
34	237	14819	150
35	207	14944	107
36	215	14080	98
37	312	12949	175
38	427	12416	246
39	399	12566	235
40	325	13021	188
41	417	12541	236
42	402	12915	230
43	497	12874	289
44	312	12796	174
45	312	12799	182
46	296	12876	171
47	326	12594	158
48	321	13062	180
49	468	11994	239
50	170	14339	85
51	104	14529	49

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
52	3645,9139	3629,2732	3675,7155	3677,2911	1683	7	19405,5
53	3630,3359	3693,5225	3717,7086	3649,5624	10602	59	125252
54	3702,8078	3666,4701	3729,9001	3630,6258	4372	7	67023
55	3702,8078	3650,9151	3717,7086	3723,9564	2691	5	28124
56	3655,3962	3652,2677	3734,6412	3615,0707	540	4	9224
57	3731,9320	3601,5445	3733,9639	3637,3889	386	7	10624
58	3727,1909	3606,2787	3828,1097	3572,4632	1050	20	21050,5
59	3780,6982	3584,6368	3805,0813	3665,7938	389	12	15571
60	3717,0312	3638,7415	3791,5351	3608,3076	3448	21	56646
61	3772,5705	3614,3944	3791,5351	3669,1754	1035	12	23970,5
62	3731,2547	3683,3779	3790,1805	3657,6781	104	9	10390
63	3622,2573	3535,7914	3805,8078	3482,3630	21543	17	290020
64	3773,9743	3487,7735	3984,6170	3465,4553	22687	44	310153
65	3792,0867	3455,2969	3838,9958	3648,0587	9992	79	158484,5
66	3847,1235	3477,6289	3876,9251	3621,6826	943	7	23303
67	3825,4497	3652,1165	3916,8862	3584,4856	4364	47	82138,5
68	3904,0174	3606,8038	3940,5600	3532,8078	305	12	15694
69	3892,5031	3472,2184	3925,0139	3571,6358	1674	6	33699,5
70	3891,8258	3596,6592	3997,4858	3633,1799	410	8	15509
71	3944,6559	3624,3879	4212,1924	3627,0931	822	26	27446
72	3769,2331	3663,6138	3838,3185	3661,5848	744	21	23705,5
73	3614,3087	3512,1468	3651,6132	3604,6699	28225	25	369658
74	4195,1483	3505,8867	4214,9846	3719,3626	4977	8	63564
75	3949,3986	3703,9571	4356,0427	3722,6638	8101	29	114452
76	4034,2539	3620,3274	4036,4579	3712,7602	84	6	5826
77	3908,9640	3468,5680	4100,9130	3467,7857	1863	7	32746
78	3528,2001	3495,1665	3746,0033	3441,9695	13291	35	149033
79	3737,3852	3438,0579	3752,2711	3502,2073	3349	15	33415,5
80	3438,4531	3316,7388	3656,3425	3720,7938	77051	462	995885
81	3596,4951	3384,1110	3735,5448	3292,3559	3656	20	42533
82	3488,5895	3421,8784	3612,0671	3375,7983	1992	24	29936
83	3731,8030	3442,4277	3757,9952	3432,4644	1194	3	8006
84	3742,6125	3395,9324	3753,8378	3437,4460	0	0	2017,5
85	3652,8106	3338,2284	3698,5430	3456,5423	7888	14	102239
86	3674,4296	3403,4049	3816,6160	3348,1917	12293	61	155816
87	3783,7717	3356,9096	3796,6600	3480,6202	5830	35	90216
88	3781,2772	3392,1962	4014,0971	3355,6642	6838	55	96589
89	3943,8354	3448,2396	3950,9031	3360,2307	0	1	4018
90	3792,0867	3468,5813	3832,4144	3448,2396	1671	9	35738
91	3822,4364	3449,9001	3970,8591	3445,3336	2985	21	44718,5
92	3874,3313	3212,9414	3922,3874	3455,7466	22510	82	328915
93	3909,1240	3481,3707	3924,1175	3444,1342	12366	25	191773
94	3952,5396	3476,3943	4014,6662	3349,7032	7985	58	92254,5
95	3965,6650	3434,4551	4117,9188	3439,6975	23	2	4361
96	3956,9147	3305,1429	3962,1649	3371,5465	171	0	6360
97	3886,0379	3318,2488	4015,5412	3304,2691	3940	20	51448,5
98	3697,9081	3307,7641	3715,4086	3399,5059	232	7	7335
99	3706,6584	3389,0211	3721,5337	3434,4551	0	0	1979
100	3818,6402	3358,9398	3822,1403	3389,5204	60	7	6634
101	3799,3898	3350,2025	3823,8904	3365,9296	1775	9	27477
102	3816,0152	3363,3084	3907,0175	3342,3389	1503	13	25939
103	3975,7128	3364,2515	4173,8993	3302,1472	8696	32	96870,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
52	256,5	0,002210685	0,02856984	0,002194432	0,0185185
53	1488	0,01426877	0,03241512	0,01382375	0,0275058
54	317	0,007635295	0,03144217	0,005700569	0,0150538
55	225,5	0,003203901	0,02588384	0,003508745	0,0132275
56	69	0,001050803	0,03074181	0,000704096	0,0439561
57	198	0,001210292	0,05231867	0,000503298	0,0333333
58	545	0,002398084	0,04366288	0,001369075	0,031746
59	350,5	0,001773856	0,06871875	0,00050721	0,04
60	333	0,006453142	0,09904818	0,004495783	0,122807
61	303	0,002730732	0,1106647	0,001349517	0,0631579
62	274	0,001183634	0,09742222	0,000135604	0,0473684
63	735	0,03303923	0,03333334	0,02808951	0,0188261
64	1690	0,03533279	0,06389414	0,02958115	0,0307477
65	1952,5	0,01805464	0,07011276	0,01302838	0,0477919
66	424,5	0,00265469	0,02836714	0,00122956	0,0111111
67	1500	0,009357261	0,06674974	0,005690138	0,0474748
68	636,5	0,001787869	0,05509868	0,000397684	0,0213904
69	353	0,003839064	0,02624926	0,002182697	0,010084
70	420	0,001766793	0,03995244	0,000534591	0,0134454
71	650	0,003126662	0,08734211	0,00107179	0,0640394
72	660	0,002700543	0,1131687	0,000970088	0,0646154
73	653	0,04211163	0,02056563	0,03680205	0,0221631
74	281	0,007241244	0,04644628	0,006489417	0,0266667
75	963	0,01303843	0,07618369	0,01056274	0,0487395
76	209	0,000663701	0,04264871	0,000109526	0,025974
77	534	0,003730441	0,03447831	0,002429131	0,0085366
78	1297	0,01697792	0,02486365	0,01732989	0,0140845
79	422,5	0,003806711	0,0234072	0,004366698	0,0202429
80	12350	0,1134517	0,1072049	0,1004654	0,0692654
81	647	0,004845381	0,0408408	0,00476699	0,0243902
82	988	0,003410325	0,02286085	0,002597332	0,0119048
83	38	0,000912048	0,02705589	0,001556834	0,0666667
84	5,5	0,000229835	0,05612245	0	0
85	494,5	0,01164712	0,02682834	0,01028502	0,0147992
86	1439	0,01775064	0,07807074	0,01602861	0,064482
87	1360	0,01027745	0,05723424	0,007601628	0,0244584
88	1499	0,01100347	0,07647179	0,00891594	0,0467687
89	141	0,000457733	0,0186397	0	0,002849
90	369	0,004071292	0,02001953	0,002178786	0,0083256
91	652	0,005094355	0,03893816	0,003892086	0,0243902
92	2390	0,03747017	0,1171454	0,02935037	0,0758557
93	941	0,02184688	0,04899	0,0161238	0,0241546
94	1436,5	0,01050968	0,07793511	0,01041149	0,0585859
95	171	0,000496807	0,02087402	3,00E-05	0,005291
96	72	0,000724535	0,008019604	0,000222964	0
97	608,5	0,00586104	0,05481735	0,005137292	0,0336135
98	240	0,000835607	0,03224939	0,0003025	0,0172414
99	22,5	0,000225449	0,006692445	0	0
100	245	0,000755749	0,02464665	7,82E-05	0,0124777
101	254	0,003130194	0,02706591	0,002314389	0,0170455
102	371	0,002954984	0,03732207	0,001959733	0,0231729
103	686	0,01103554	0,05039486	0,01133855	0,0431849

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
52	3	1,083333	0,3	4,365154	1,208558	5,956274
53	4	1,066667	0,173913	4,338169	1,150571	6,042405
54	3	0,833333	0,3	4,365128	1,14462	5,961644
55	3	1,083333	0,375	4,357139	1,069997	5,874258
56	2	0,666667	0,2857143	4,400221	1,379765	5,765043
57	3	1,083333	0,3333333	4,487859	1,326265	6,154381
58	3	0,676191	0,2	4,460178	1,260113	6,011185
59	5	1,783333	0,3846154	4,508637	1,467083	6,368323
60	4	1,066667	0,3076923	4,416205	1,523257	6,12413
61	5	1,7	0,4166667	4,463003	1,533219	6,249866
62	4	0,983333	0,3076923	4,520035	1,516493	6,334912
63	4	0,85119	0,2	4,381758	1,320752	5,739761
64	8	1,852381	0,2962963	4,398966	1,427797	6,30884
65	7	1,767857	0,2592593	4,439402	1,37002	6,134168
66	3	0,517857	0,1764706	4,4444	1,303815	6,181996
67	7	1,842857	0,3043478	4,51197	1,440511	6,25653
68	5	1,17619	0,2777778	4,513203	1,436559	6,442532
69	3	0,525	0,1764706	4,428721	1,316004	6,169297
70	4	0,709524	0,2222222	4,547955	1,382861	6,233494
71	6	1,6	0,3333333	4,580825	1,523892	6,57347
72	5	1,233333	0,3333333	4,527456	1,498836	6,226163
73	4	1,166667	0,3333333	4,298246	1,002139	5,546672
74	4	1,833333	0,2857143	4,549376	1,460081	6,19198
75	6	2,116667	0,4	4,491854	1,366637	6,16784
76	2	0,333333	0,1818182	4,521036	1,326035	5,918477
77	5	0,917857	0,2777778	4,390733	1,343255	6,356452
78	4	1,233333	0,1666667	4,345127	1,128831	6,047561
79	3	1	0,2727273	4,392798	1,056684	6,001989
80	15	3,883333	0,2586207	4,312375	1,408596	6,12757
81	6	2,116667	0,375	4,31228	1,305583	6,57211
82	4	1,066667	0,1666667	4,340257	1,185558	6,044762
83	2	1,333333	0,4	4,396747	1,371322	5,507245
84	1	0,5	0,3333333	4,39836	1,457542	4,582913
85	3	0,541667	0,1666667	4,356032	1,226705	6,104966
86	8	3,666667	0,3809524	4,409275	1,435175	6,829663
87	4	0,72619	0,16	4,439423	1,282694	6,369283
88	8	2,359524	0,2857143	4,442103	1,474617	7,516652
89	2	0,325	0,1666667	4,450314	1,259616	6,958327
90	3	0,592857	0,2	4,402485	1,108742	6,216631
91	5	1,32619	0,2380952	4,407654	1,385642	7,355527
92	10	2,775	0,3448276	4,388393	1,531348	7,900909
93	4	0,625	0,1818182	4,360049	1,317613	6,658762
94	7	1,55	0,28	4,409397	1,460506	6,455243
95	2	0,342857	0,1666667	4,420066	1,24163	6,0946
96	2	0,325	0,1666667	4,456816	1,205998	6,977166
97	5	1,766667	0,2777778	4,418166	1,423876	7,799484
98	2	0,291667	0,1428571	4,368591	1,274869	6,302453
99	1	0,125	0,1111111	4,412782	1,198825	5,812243
100	3	0,708333	0,2307692	4,475046	1,228683	7,230372
101	3	0,708333	0,2142857	4,443406	1,278634	6,654929
102	4	1,016667	0,2666667	4,445313	1,335365	7,714293
103	5	1,434524	0,2631579	4,437247	1,390029	6,860291

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
52	7,238095	0,70873	1,584268	0,70873	1,584268	0,3745021
53	12,18462	0,7703612	2,236591	0,7703612	2,236591	0,3778157
54	7,333333	0,7051159	1,6216	0,7051159	1,6216	0,3743009
55	6,339622	0,7015385	1,515387	0,7015385	1,515387	0,3741008
56	4,571429	0,6552832	1,176875	0,6552832	1,176875	0,371439
57	6,554622	0,6192188	1,451613	0,6192188	1,451613	0,3692584
58	8,516129	0,6508133	1,834841	0,6508133	1,834841	0,3711739
59	9,528796	0,6244469	1,781279	0,6244469	1,781279	0,3695806
60	7,724138	0,6562749	1,749517	0,6562749	1,749517	0,3714976
61	8,372093	0,6116369	1,737941	0,6116369	1,737941	0,3687872
62	8	0,5762123	1,737941	0,5762123	1,737941	0,3665223
63	11,16279	0,7389191	2,068228	0,7389191	2,068228	0,3761525
64	18,49541	0,7238392	2,427514	0,7238392	2,427514	0,3753349
65	17,64145	0,7091514	2,39037	0,7091514	2,39037	0,3745255
66	8,690807	0,670244	1,904081	0,670244	1,904081	0,3723157
67	15,81015	0,6597237	2,278688	0,6597237	2,278688	0,3717008
68	11,69054	0,6253473	2,018634	0,6253473	2,018634	0,3696359
69	8,641399	0,6660331	1,899348	0,6660331	1,899348	0,3720705
70	10,4581	0,6148691	1,976872	0,6148691	1,976872	0,3689886
71	11,73333	0,5928249	2,098603	0,5928249	2,098603	0,3675978
72	10,14085	0,6057345	1,890045	0,6057345	1,890045	0,3684171
73	9,526437	0,7873998	1,88007	0,7873998	1,88007	0,3786948
74	9	0,6241609	1,781279	0,6241609	1,781279	0,369563
75	11,78947	0,6600432	1,937335	0,6600432	1,937335	0,3717196
76	5,647059	0,6121078	1,51108	0,6121078	1,51108	0,3688166
77	12,30769	0,6866938	2,028795	0,6866938	2,028795	0,3732621
78	12,3661	0,7796146	2,277942	0,7796146	2,277942	0,378295
79	7,832798	0,7223595	1,742988	0,7223595	1,742988	0,3752539
80	37,23516	0,8526295	3,157832	0,8526295	3,157832	0,3819277
81	12,64865	0,7731705	1,995536	0,7731705	1,995536	0,3779617
82	12,2316	0,7775814	2,25023	0,7775814	2,25023	0,37819
83	3,428571	0,6605458	0,947875	0,6605458	0,947875	0,3717492
84	1,6	0,6083997	0,4223924	0,6083997	0,4223924	0,3685846
85	9,053892	0,7488951	1,9799	0,7488951	1,9799	0,3766861
86	16	0,7227973	2,243886	0,7227973	2,243886	0,3752779
87	12	0,7035042	2,24545	0,7035042	2,24545	0,3742108
88	17,93029	0,6930789	2,488474	0,6930789	2,488474	0,3736246
89	5,938144	0,6360616	1,610097	0,6360616	1,610097	0,3702889
90	8,8	0,6941883	1,91983	0,6941883	1,91983	0,3736873
91	12,81553	0,6846734	2,13553	0,6846734	2,13553	0,3731468
92	19,21348	0,7071018	2,639766	0,7071018	2,639766	0,3744116
93	11,46712	0,7109481	2,14027	0,7109481	2,14027	0,3746253
94	16,04494	0,6916219	2,355932	0,6916219	2,355932	0,3735421
95	5,970732	0,6351724	1,621111	0,6351724	1,621111	0,3702351
96	6,026432	0,6369108	1,643455	0,6369108	1,643455	0,3703403
97	11,80328	0,6509022	2,018057	0,6509022	2,018057	0,3711792
98	6,121739	0,7138739	1,708166	0,7138739	1,708166	0,3747872
99	3,262136	0,6608203	1,345503	0,6608203	1,345503	0,3717653
100	8,164948	0,6447877	1,752022	0,6447877	1,752022	0,3708144
101	8,275862	0,6738417	1,777774	0,6738417	1,777774	0,3725243
102	10	0,6627483	1,857144	0,6627483	1,857144	0,3718784
103	12,32506	0,6682255	2,059895	0,6682255	2,059895	0,3721983

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
52	0,4354746	0,402109	0,815074	56,51418	11,86521	2,571429
53	0,4475653	0,434377	0,734174	97,80836	10,99596	2,606061
54	0,4347108	0,400056	0,747507	44,93119	11,9209	2,612903
55	0,4304186	0,397298	0,689554	74,54576	11,97659	2,642857
56	0,4281006	0,37477	1,089288	87,54075	12,75141	2,428571
57	0,4361886	0,361196	0,972594	35,90191	13,43583	2,476191
58	0,4436052	0,377285	0,863411	106,4335	12,83212	2,527778
59	0,4544612	0,365932	1,192005	84,74078	13,33172	2,32
60	0,46754	0,3767	1,450721	80,4801	12,73366	2,157895
61	0,4632456	0,354797	1,399896	57,97081	13,58999	2,2
62	0,4632456	0,338518	1,384624	64,28627	14,364	2,2
63	0,4510678	0,420833	0,937308	191,1684	11,42131	2,465116
64	0,4612258	0,413863	1,075737	211,8217	11,63842	2,37037
65	0,4574787	0,409192	0,985746	198,3874	11,85876	2,431035
66	0,4477439	0,387176	0,927715	147,1041	12,4891	2,472222
67	0,4602658	0,386892	1,104392	113,7303	12,67232	2,355556
68	0,4566251	0,366831	1,117324	82,5274	13,31396	2,352941
69	0,448438	0,383386	0,947523	104,5981	12,56174	2,457143
70	0,4530477	0,363461	1,037146	111,7935	13,52381	2,4
71	0,4686186	0,352962	1,34461	267,5502	13,98951	2,206897
72	0,4602987	0,356447	1,264642	69,1152	13,71267	2,269231
73	0,4380694	0,4399	0,61381	99,76041	10,77966	2,6875
74	0,4544612	0,369069	1,186316	214,3954	13,33737	2,32
75	0,4507081	0,385353	1,00406	407,0741	12,66667	2,428571
76	0,4392318	0,359687	0,983833	92,45911	13,58031	2,454545
77	0,4504847	0,391889	0,956216	191,9505	12,21388	2,463415
78	0,4476877	0,440301	0,712946	224,2057	10,87732	2,619718
79	0,435703	0,412438	0,660428	65,85384	11,66021	2,666667
80	0,467465	0,477911	1,036514	459,0601	10,03148	2,37931
81	0,4486734	0,43336	0,913908	166,5947	10,95965	2,487805
82	0,4488653	0,43866	0,770613	131,7957	10,90315	2,578125
83	0,4162897	0,377482	1,160349	28,0232	12,65779	2,4
84	0,3413031	0,347807	1,821928	43,00451	13,65698	2,25
85	0,4456918	0,424011	0,823906	126,8449	11,28249	2,545455
86	0,4593165	0,414236	1,094625	152,5302	11,65375	2,363636
87	0,4530201	0,405935	0,893015	124,3802	11,94592	2,481482
88	0,4671826	0,40016	1,189207	235,6685	12,11057	2,285714
89	0,4386742	0,367917	0,881732	88,29225	13,10654	2,518518
90	0,4407013	0,397226	0,700258	45,16755	12,09282	2,638298
91	0,4553695	0,392241	1,027287	148,4929	12,24697	2,404762
92	0,4755661	0,403321	1,336449	247,5152	11,89023	2,191489
93	0,4526683	0,402896	0,9383	40,14182	11,83132	2,456522
94	0,4640288	0,396379	1,158332	141,104	12,13398	2,311111
95	0,4381363	0,364906	0,857316	152,3441	13,12349	2,535714
96	0,4372944	0,368947	0,812738	66,61082	13,0904	2,566667
97	0,4554608	0,373782	1,090628	130,2556	12,83051	2,371428
98	0,4429709	0,405347	0,910621	93,39608	11,78693	2,482759
99	0,4287201	0,379016	0,839177	47,80721	12,65295	2,55
100	0,4403338	0,375038	0,826998	30,78026	12,9427	2,558824
101	0,4429595	0,389167	0,887215	29,11399	12,42776	2,515152
102	0,4468925	0,382924	0,953832	93,38707	12,61905	2,470588
103	0,4538662	0,385388	1,029651	207,6893	12,52381	2,410256

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
52	10,85967	2,567164	1240	29	0,017553	0,116402
53	10,00955	2,531353	1240	67	0,016149	0,049417
54	10,92458	2,549296	1240	32	0,017643	0,107527
55	10,98998	2,606061	1240	29	0,017733	0,121693
56	11,73055	2,522388	1240	15	0,018985	0,21978
57	12,37279	2,425287	1240	22	0,02009	0,147619
58	11,77112	2,474684	1240	37	0,019115	0,087302
59	12,25895	2,247525	1240	26	0,019922	0,11
60	11,71098	2,158537	1240	20	0,018956	0,128655
61	12,55227	2,054054	1240	21	0,020339	0,126316
62	13,29427	2,066667	1240	21	0,02159	0,126316
63	10,38282	2,447619	1240	44	0,016836	0,069767
64	10,58592	2,204348	1240	55	0,017186	0,051712
65	10,79761	2,279661	1240	59	0,017542	0,050212
66	11,41671	2,387283	1240	37	0,018561	0,084127
67	11,58568	2,320755	1240	46	0,018857	0,061616
68	12,22029	2,223684	1240	35	0,019893	0,081996
69	11,49928	2,335366	1240	36	0,018678	0,085714
70	12,43174	2,234483	1240	36	0,020232	0,082353
71	12,87208	2,098361	1240	30	0,020985	0,086207
72	12,64129	2,185185	1240	27	0,020537	0,101539
73	9,789738	2,626984	1240	49	0,015799	0,071809
74	12,2179	2,327273	1240	26	0,019931	0,11
75	11,59642	2,402516	1240	36	0,018848	0,084034
76	12,49857	2,383838	1240	23	0,020324	0,138528
77	11,16396	2,261364	1240	42	0,018116	0,073171
78	9,876372	2,532508	1240	72	0,015957	0,046278
79	10,62578	2,636842	1240	40	0,017222	0,087719
80	9,047256	2,2125	1240	117	0,01459	0,023988
81	9,955132	2,432584	1240	42	0,01609	0,07439
82	9,899523	2,489796	1240	65	0,015999	0,050099
83	11,62434	2,584906	1240	11	0,018833	0,311111
84	12,62387	2,285714	1240	5	0,020447	0,833333
85	10,26062	2,494792	1240	45	0,016611	0,071882
86	10,6148	2,380208	1240	45	0,017211	0,063425
87	10,87804	2,344037	1240	55	0,017683	0,055905
88	11,05513	2,116162	1240	50	0,017949	0,053571
89	12,05012	2,406504	1240	28	0,019558	0,116809
90	11,03461	2,453125	1240	48	0,017921	0,07123
91	11,19976	2,262295	1240	43	0,01817	0,068525
92	10,85346	2,089109	1240	48	0,017593	0,051804
93	10,78496	2,290816	1240	47	0,017498	0,064734
94	11,08473	2,15625	1240	46	0,017987	0,059596
95	12,07184	2,40625	1240	29	0,019586	0,113757
96	12,03461	2,470149	1240	31	0,019532	0,108046
97	11,79475	2,302013	1240	36	0,019112	0,080672
98	10,76325	2,45082	1240	30	0,017426	0,105911
99	11,61432	2,52439	1240	21	0,018825	0,163158
100	11,86802	2,404255	1240	35	0,019294	0,094474
101	11,35179	2,423358	1240	34	0,018462	0,094697
102	11,55298	2,312057	1240	35	0,018771	0,089127
103	11,46993	2,290909	1240	40	0,018617	0,074224

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
52	0,655879	0,169811	1,410975	0,631207	3,957243	2,20645	4190
53	0,673331	0,178295	1,298092	0,447109	3,891714	2,333065	4190
54	0,654116	0,152542	1,418206	0,616675	3,948217	2,30678	4190
55	0,652352	0,132076	1,425439	0,659898	3,936667	2,397145	4190
56	0,638943	0,2	1,526058	0,849708	4,024858	1,828847	4190
57	0,629	0,205128	1,614938	0,688889	4,130245	1,995229	4190
58	0,647011	0,202899	1,536539	0,545006	4,094065	2,133714	4190
59	0,632106	0,297872	1,601417	0,561394	4,187345	1,771944	4190
60	0,639488	0,371429	1,523752	0,571586	4,036959	1,518417	4190
61	0,624401	0,351351	1,634957	0,575393	4,154518	1,583122	4190
62	0,612542	0,351351	1,735471	0,575393	4,266729	1,571993	4190
63	0,67981	0,240964	1,353328	0,483506	3,96472	2,041986	4190
64	0,663062	0,295238	1,381522	0,411944	3,96859	1,897759	4190
65	0,666369	0,265487	1,410136	0,418345	4,048745	1,998937	4190
66	0,647002	0,231884	1,491994	0,525188	4,067166	2,044597	4190
67	0,651778	0,298851	1,515786	0,438849	4,172055	1,863395	4190
68	0,632636	0,292308	1,599111	0,495384	4,174182	1,837	4190
69	0,64477	0,238806	1,501427	0,526497	4,037674	2,01844	4190
70	0,636902	0,268657	1,626362	0,50585	4,235246	1,917889	4190
71	0,6234	0,363636	1,686839	0,476507	4,312203	1,622154	4190
72	0,631426	0,326531	1,650888	0,529088	4,247404	1,691011	4190
73	0,690261	0,129032	1,270003	0,531895	3,855223	2,533041	4190
74	0,642307	0,297872	1,602151	0,561394	4,274812	1,756447	4190
75	0,651947	0,253731	1,515052	0,516173	4,172032	1,991916	4190
76	0,635264	0,219512	1,633699	0,661778	4,225706	1,95529	4190
77	0,644836	0,240506	1,456253	0,492903	3,962492	2,030833	4190
78	0,677208	0,172662	1,282685	0,438993	3,922377	2,366129	4190
79	0,662372	0,133333	1,384352	0,573728	3,99877	2,443985	4190
80	0,695137	0,30131	1,172842	0,316673	3,848455	1,947043	4190
81	0,663806	0,227848	1,293376	0,501119	3,840153	2,102909	4190
82	0,676364	0,192	1,286039	0,444399	3,898825	2,276436	4190
83	0,641819	0,176471	1,5139	1,054991	4,033023	1,760676	4190
84	0,622403	0	1,643656	2,367467	4,075546	1,203369	4190
85	0,663968	0,2	1,3353	0,505076	3,930719	2,189229	4190
86	0,651835	0,294118	1,383514	0,445655	3,986667	1,889689	4190
87	0,653323	0,238095	1,421456	0,445345	4,052083	2,09865	4190
88	0,636906	0,336842	1,442837	0,401853	4,028863	1,771671	4190
89	0,616564	0,196078	1,572175	0,621081	4,057365	2,091351	4190
90	0,648671	0,153846	1,440531	0,52088	3,996399	2,379345	4190
91	0,632448	0,271605	1,46055	0,468268	3,981038	1,937465	4190
92	0,632393	0,384615	1,414224	0,378822	3,960098	1,642086	4190
93	0,646032	0,247191	1,406572	0,467231	3,911169	2,039307	4190
94	0,647367	0,321839	1,445877	0,42446	3,988179	1,800753	4190
95	0,627511	0,188679	1,574376	0,616861	4,031336	2,125709	4190
96	0,617076	0,175439	1,570079	0,608474	4,069224	2,190347	4190
97	0,613378	0,283582	1,536329	0,495526	4,023816	1,867144	4190
98	0,647482	0,218182	1,400808	0,585423	3,93895	2,052459	4190
99	0,630931	0,162162	1,513271	0,743217	4,015481	2,121727	4190
100	0,621754	0,184615	1,550898	0,570769	4,110587	2,186836	4190
101	0,638062	0,206349	1,484028	0,562501	4,071636	2,101092	4190
102	0,620289	0,230769	1,508869	0,538461	4,058221	2,025861	4190
103	0,63502	0,266667	1,496501	0,485462	4,051682	1,937278	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
52	134	14701	72
53	303	13624	172
54	142	14770	81
55	132	14839	74
56	67	15799	34
57	87	16647	52
58	158	15899	91
59	101	16518	58
60	82	15777	41
61	74	16838	44
62	75	17797	44
63	210	14151	106
64	230	14420	128
65	236	14693	141
66	173	15474	89
67	212	15701	106
68	152	16496	80
69	164	15564	86
70	145	16756	84
71	122	17333	64
72	108	16990	59
73	252	13356	129
74	110	16525	58
75	159	15694	85
76	99	16826	54
77	176	15133	101
78	323	13477	186
79	190	14447	104
80	480	12429	276
81	178	13579	102
82	294	13509	165
83	53	15683	24
84	14	16921	9
85	192	13979	112
86	192	14439	104
87	218	14801	134
88	198	15005	112
89	123	16239	68
90	192	14983	124
91	183	15174	101
92	202	14732	103
93	196	14659	113
94	192	15034	104
95	128	16260	71
96	134	16219	77
97	149	15897	83
98	122	14604	72
99	82	15677	51
100	141	16036	87
101	137	15398	83
102	141	15635	84
103	165	15517	94

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice
							[Connectivity Wgt]
104	3987,4622	3363,8538	3998,8134	3304,1990	314	6	10101,5
105	4004,3894	3303,4036	4035,4557	3347,1504	194	2	6980
106	3617,2885	3408,8110	3621,8296	3363,4670	89	3	4732
107	3616,4629	3398,5056	3647,8377	3467,7582	51	4	4376
108	4175,9566	3503,0234	4200,7604	3507,9768	3540	6	53414
109	4167,0272	3250,3974	4183,8938	3508,9675	10148	19	121473,5
110	4163,0586	3268,2298	4193,8153	3198,8815	8476	10	103390
111	4151,1527	3131,5146	4196,7918	3213,7418	11204	11	143786
112	3390,9411	3426,3694	3411,7330	3487,2046	6	4	6075
113	3412,7000	3407,5394	3444,1296	3466,4434	0	3	5817
114	3372,0833	3464,0293	3492,9664	3398,8487	951	23	23467
115	3361,8341	3451,6981	3474,5490	3368,0299	383	31	17985
116	3560,3982	3332,4975	3602,5761	3383,3195	8	1	5904
117	3343,4741	3432,3479	3391,2907	3396,6614	22	10	4296
118	3381,1852	3406,9981	3408,5442	3368,8505	50	2	6501
119	3398,9830	3376,1261	3457,3982	3336,2557	903	30	19638,5
120	3469,5929	3382,8705	3723,7215	3262,6050	16858	42	263492
121	3740,7475	3307,3110	3757,7735	3373,4255	4466	8	64145
122	3682,7330	3231,1219	3747,6840	3324,3119	23451	49	344075,5
123	3434,9082	3333,6437	3622,8247	3280,7521	5047	83	50261
124	3514,3629	3305,9385	3533,9112	3356,3115	0	1	3997
125	3544,6313	3228,4901	3571,1162	3339,9403	2047	18	25772
126	3474,6356	3277,6037	3480,9415	3327,9767	581	2	7854
127	3469,5908	3285,1597	3606,4293	3255,5656	2	1	4040
128	3615,2576	3280,1224	3638,5895	3305,9385	44	0	4351
129	3168,5555	3215,9928	3406,9605	3493,4598	5310	191	81067
130	3324,1774	3160,9854	3658,3622	3114,0141	17244	39	242376
131	3330,5475	3157,0711	3335,4475	3183,4924	0	0	2057
132	3464,0634	2843,8231	3501,0699	3174,1960	64355	98	860033
133	3362,5185	3176,7998	3554,3256	3165,5337	26542	25	370224
134	3219,4910	3055,6090	3494,6350	3064,2191	49600	36	641323,5
135	3475,6997	3017,7618	3564,9844	2987,7499	1919	6	28645
136	3537,5802	2991,2807	3672,8331	2982,4537	2088	15	32960
137	3646,3130	3121,9207	3675,4852	3077,7856	9674	28	187630
138	3657,8050	3002,7558	3673,7172	3089,2607	1847	22	32061
139	3433,2674	3030,1196	3488,9598	3026,5888	105	3	4983
140	3478,3517	3037,1812	3594,1566	3013,3483	3529	11	45915
141	3576,4764	3015,9964	3665,7611	3016,8791	1396	4	25575
142	3574,7084	2983,3364	3597,6926	3052,1872	846	11	13783
143	3591,5045	3046,8910	3670,1811	3045,1256	122	3	5925
144	3435,9194	2940,0840	3438,5714	3067,1931	8680	15	109059
145	3424,4273	3020,4099	3443,8755	3016,8791	0	0	2030,5
146	3347,5188	2940,9667	3555,2603	2941,8494	49102	80	590376
147	3322,7666	2919,7818	3324,0479	3077,2930	378	4	11485
148	3354,5908	3078,6683	3357,2428	2934,7877	7978	0	98557
149	3411,1672	2936,5531	3412,0512	3081,3164	8827	0	108882
150	3246,2026	3316,8205	3338,1626	3198,5383	2364	9	42650
151	3319,4588	3216,4362	3392,7151	3170,5240	22879	36	346015
152	3430,9019	3168,1895	3446,4884	3227,3306	17	1	4211
153	3380,2460	3229,6652	3496,3650	3221,1053	269	5	8031
154	3482,3372	3164,2987	3489,3511	3234,3342	509	2	9047
155	3359,2043	3182,1966	3418,3795	3273,7604	943	13	17028

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
104	251	0,001150768	0,02598209	0,000409419	0,0120968
105	133	0,000795165	0,01910371	0,000252953	0,005291
106	64	0,000539072	0,02401952	0,000116045	0,025
107	90	0,000498516	0,01065089	6,65E-05	0,0123077
108	154	0,006084951	0,0406923	0,004615739	0,0285714
109	396	0,01383832	0,0532115	0,01323179	0,0502646
110	230	0,01177824	0,07370614	0,0110517	0,0476191
111	235	0,01638018	0,1047004	0,01460869	0,0578947
112	366	0,000692067	0,01420559	7,82E-06	0,0046458
113	240	0,000662676	0,009315143	0	0,0034843
114	951	0,002673373	0,01869085	0,001239991	0,0095238
115	1627,5	0,002048861	0,03198671	0,000499387	0,0128364
116	123	0,000672587	0,01138415	1,04E-05	0,0018939
117	305	0,000489403	0,01925262	2,87E-05	0,0178253
118	331,5	0,000740597	0,01593137	6,52E-05	0,0023229
119	1201,5	0,002237228	0,02406465	0,001177405	0,0127877
120	1443	0,03001714	0,02766249	0,02198083	0,0169014
121	324	0,007307432	0,03082045	0,005823134	0,0142603
122	1366,5	0,03919726	0,04705498	0,03057732	0,0342418
123	1843	0,005725759	0,03533054	0,006580689	0,0334004
124	157	0,00045534	0,01086505	0	0,0013495
125	581	0,002935959	0,03218837	0,002669045	0,0190275
126	129	0,000894732	0,01177867	0,000757555	0,0037879
127	55	0,000460239	0,02182107	2,61E-06	0,0128205
128	116	0,000495668	0,008027682	5,74E-05	0
129	4504	0,009235195	0,1000889	0,006923609	0,0977983
130	1535	0,0276116	0,04506687	0,02248413	0,0193452
131	45	0,000234335	0,00646366	0	0
132	2572	0,0979754	0,06952855	0,08391128	0,0486111
133	1159	0,04217611	0,0373865	0,03460762	0,015124
134	1636	0,0730599	0,05728191	0,06467251	0,0217786
135	262	0,003263253	0,01901582	0,002502148	0,0063425
136	420	0,00375482	0,05126953	0,002722504	0,0344828
137	1201	0,02137491	0,05446712	0,01261375	0,0259019
138	649	0,003652406	0,07122085	0,002408269	0,0582011
139	124	0,000567666	0,01229915	0,000136908	0,0042674
140	330	0,005230661	0,02130682	0,004601397	0,0116279
141	183,5	0,002913517	0,02043885	0,001820218	0,010582
142	272	0,001570166	0,03595743	0,001103084	0,0366667
143	125	0,000674979	0,0255076	0,000159074	0,0142857
144	400	0,01242406	0,03164432	0,01131769	0,0284091
145	24	0,000231316	0,01248699	0	0
146	2719	0,06725594	0,06002141	0,06402317	0,0304414
147	214,5	0,001308377	0,02930128	0,000492867	0,010582
148	159	0,01122766	0,01226804	0,01040236	0
149	101	0,01240389	0,00799019	0,01150936	0
150	855	0,00485871	0,02061632	0,003082375	0,0044643
151	1735	0,03941821	0,03933839	0,0298315	0,0162822
152	66	0,000479719	0,01220414	2,22E-05	0,0039526
153	119,5	0,000914896	0,05324126	0,000350744	0,0641026
154	62	0,001030639	0,0114645	0,000663676	0,0079051
155	565	0,001939839	0,04305746	0,00122956	0,0320197

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
104	3	0,525	0,2307692	4,469692	1,263571	7,236177
105	2	0,4	0,2	4,438353	1,160737	6,920735
106	2	0,666667	0,2222222	4,321841	1,405272	6,131721
107	2	0,75	0,2857143	4,356735	1,006982	5,709315
108	2	0,583333	0,25	4,536538	1,215248	6,169302
109	3	1,033333	0,2727273	4,507687	1,260636	6,74925
110	3	0,833333	0,3	4,497081	1,380175	7,571882
111	4	1,166667	0,3636364	4,459579	1,481776	8,256012
112	3	0,616667	0,3	4,271527	0,9575221	5,447042
113	3	0,616667	0,3	4,271527	0,9575221	5,447042
114	4	0,804762	0,1333333	4,340161	1,221497	6,053741
115	5	0,947619	0,15625	4,343229	1,275078	6,110108
116	3	0,583333	0,2307692	4,328047	1,245982	6,047047
117	2	0,404762	0,1111111	4,2485	1,265868	5,715832
118	3	0,842857	0,2307692	4,283989	1,102609	5,877067
119	5	1,109524	0,1515152	4,298237	1,288274	6,145941
120	6	1,85	0,2222222	4,304897	1,235874	6,177544
121	2	0,325	0,1428571	4,344297	1,202949	6,719894
122	5	1,583333	0,25	4,291134	1,231926	7,047867
123	6	1,883333	0,1764706	4,302116	1,315996	6,185978
124	2	0,333333	0,2	4,330953	0,9674248	5,848421
125	4	1,166667	0,2857143	4,299181	1,145158	6,462703
126	2	0,666667	0,25	4,308624	0,9430941	5,781615
127	2	0,75	0,3333333	4,303837	1,338623	5,947328
128	2	0,333333	0,2	4,330953	0,9674248	5,848421
129	14	4,508333	0,4117647	4,240235	1,512183	6,071117
130	6	2,133333	0,24	4,210859	1,261323	8,102775
131	1	0,166667	0,1428571	4,214004	0,9913703	6,504271
132	10	2,717857	0,2631579	4,134818	1,468436	8,065153
133	6	2,6	0,2727273	4,176452	1,259837	8,047606
134	7	2,016667	0,2916667	4,124939	1,32232	7,274684
135	2	0,35	0,1333333	4,158955	1,098117	7,342724
136	4	1,45	0,3076923	4,169032	1,340879	7,74982
137	5	0,819444	0,2380952	4,297192	1,331214	8,207644
138	6	1,602778	0,3529412	4,34279	1,526719	8,307087
139	2	0,35	0,1538462	4,143157	1,113194	7,296378
140	3	0,683333	0,1875	4,162729	1,177459	7,664253
141	3	0,75	0,2727273	4,231524	1,260636	7,716606
142	4	1,416667	0,4	4,206185	1,303898	7,73555
143	2	0,416667	0,2	4,296732	1,317138	7,518312
144	4	1,767857	0,2666667	4,066491	1,351658	7,573797
145	1	0,25	0,2	4,069108	1,11482	6,066577
146	8	2,933333	0,2962963	4,093365	1,258997	7,845297
147	3	0,642857	0,2307692	4,109524	1,335836	7,539083
148	3	0,517857	0,2142857	4,065709	1,262365	7,4161
149	2	0,267857	0,1538462	4,062033	1,189068	7,103094
150	3	0,388095	0,1111111	4,213161	1,1879	6,268728
151	4	0,816667	0,16	4,183477	1,177824	6,810409
152	2	0,5	0,2222222	4,185504	1,222542	7,307982
153	3	1,25	0,375	4,135901	1,516497	6,36986
154	2	0,5	0,2222222	4,185504	1,222542	7,307982
155	4	1,416667	0,3636364	4,155771	1,269314	6,195748

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
104	8,089888	0,6397294	1,73393	0,6397294	1,73393	0,3705105
105	5,751351	0,6334434	1,549062	0,6334434	1,549062	0,3701302
106	5,052631	0,7036598	1,330473	0,7036598	1,330473	0,3742195
107	5	0,7120624	1,417534	0,7120624	1,417534	0,374687
108	5,185185	0,6129729	1,363636	0,6129729	1,363636	0,3688706
109	7,522388	0,6304297	1,621111	0,6304297	1,621111	0,3699467
110	6,857143	0,6173757	1,5	0,6173757	1,5	0,3691442
111	7,741935	0,6172159	1,604253	0,6172159	1,604253	0,3691343
112	7,542857	0,7612641	1,749949	0,7612641	1,749949	0,37734
113	7,542857	0,7612641	1,749949	0,7612641	1,749949	0,37734
114	12,72304	0,7746143	2,401357	0,7746143	2,401357	0,3780365
115	15,14563	0,774803	2,470627	0,774803	2,470627	0,3780463
116	8,129032	0,7381188	1,742916	0,7381188	1,742916	0,3761094
117	6,394984	0,7394918	1,895044	0,7394918	1,895044	0,3761832
118	8,372093	0,7506627	1,826033	0,7506627	1,826033	0,3767801
119	15,14784	0,7998092	2,494529	0,7998092	2,494529	0,3793256
120	16,74419	0,811303	2,381485	0,811303	2,381485	0,3799031
121	6,264407	0,7416763	1,752022	0,7416763	1,752022	0,3763005
122	13,33333	0,8073897	2,138524	0,8073897	2,138524	0,3797072
123	17,38983	0,8002117	2,543334	0,8002117	2,543334	0,379346
124	5,915493	0,7380046	1,690958	0,7380046	1,690958	0,3761033
125	10,16856	0,7631518	1,896242	0,7631518	1,896242	0,3774391
126	5,416667	0,7250493	1,559451	0,7250493	1,559451	0,375401
127	4,173913	0,6944914	1,095291	0,6944914	1,095291	0,3737044
128	5,915493	0,7380046	1,690958	0,7380046	1,690958	0,3761033
129	25,41401	0,8176299	2,815236	0,8176299	2,815236	0,3802182
130	16,17978	0,8313806	2,319115	0,8313806	2,319115	0,3808966
131	3,185841	0,7504266	1,347515	0,7504266	1,347515	0,3767675
132	22,97872	0,8803214	2,805842	0,8803214	2,805842	0,3832416
133	15,36332	0,8410546	2,229222	0,8410546	2,229222	0,3813685
134	17,09924	0,8688574	2,306985	0,8688574	2,306985	0,3827017
135	6,486486	0,7929624	1,869905	0,7929624	1,869905	0,3789785
136	9,290322	0,7629687	1,755509	0,7629687	1,755509	0,3774295
137	13,17073	0,7754327	2,142419	0,7754327	2,142419	0,3780789
138	11,42857	0,7124346	2,050229	0,7124346	2,050229	0,3747076
139	6,26506	0,790335	1,760177	0,790335	1,760177	0,3788447
140	8,866242	0,7943488	1,923331	0,7943488	1,923331	0,379049
141	7,522388	0,7355013	1,621111	0,7355013	1,621111	0,3759683
142	7,804878	0,7271491	1,588708	0,7271491	1,588708	0,3755155
143	5,508197	0,6880308	1,451613	0,6880308	1,451613	0,3733382
144	9,934641	0,8607058	1,851848	0,8607058	1,851848	0,3823143
145	2,790698	0,7742371	1,02337	0,7742371	1,02337	0,378017
146	19,81845	0,8872802	2,429102	0,8872802	2,429102	0,3835666
147	7,890411	0,8135861	1,70019	0,8135861	1,70019	0,380017
148	8,316832	0,8606282	1,785715	0,8606282	1,785715	0,3823106
149	6,176471	0,8603953	1,709399	0,8603953	1,709399	0,3822995
150	9,922422	0,8189634	2,295689	0,8189634	2,295689	0,3802844
151	12,3741	0,8499709	2,283149	0,8499709	2,283149	0,3817998
152	5,454545	0,758601	1,438096	0,758601	1,438096	0,3772
153	5,333333	0,7509582	1,300658	0,7509582	1,300658	0,3767958
154	5,454545	0,758601	1,438096	0,758601	1,438096	0,3772
155	8,523364	0,7950107	1,669344	0,7950107	1,669344	0,3790826

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
104	0,4411801	0,37165	0,868705	60,72513	13,03713	2,53125
105	0,4329037	0,365418	0,765031	53,65541	13,15658	2,607143
106	0,438048	0,395271	1,137601	45,57083	11,9435	2,375
107	0,4253058	0,403221	0,632291	76,02837	11,81437	2,692308
108	0,4283892	0,361431	0,835483	25,29362	13,56255	2,571429
109	0,4381363	0,36936	0,870439	259,1197	13,21469	2,535714
110	0,4403938	0,360861	1,047029	75,86282	13,47296	2,428571
111	0,4518649	0,357759	1,244692	94,04388	13,47619	2,3
112	0,4341667	0,422654	0,579908	64,29017	11,11542	2,714286
113	0,4341667	0,422654	0,579908	66,76447	11,11542	2,714286
114	0,453056	0,436976	0,818172	137,3362	10,94108	2,528571
115	0,4558301	0,437392	0,878937	140,3746	10,93866	2,485714
116	0,4407286	0,415225	0,847268	66,04435	11,43261	2,545455
117	0,4492124	0,408351	0,923029	59,66543	11,41324	2,441176
118	0,4385308	0,417983	0,697238	46,94424	11,25827	2,642857
119	0,4571395	0,446832	0,901792	70,72475	10,62793	2,463768
120	0,4519214	0,453956	0,816357	281,1497	10,49153	2,549296
121	0,4403338	0,418793	0,809677	68,2716	11,38257	2,558824
122	0,4480316	0,450322	0,816336	113,5914	10,53753	2,555556
123	0,4583327	0,447461	0,928938	195,2181	10,62308	2,450704
124	0,4325627	0,415439	0,586318	54,03307	11,43422	2,717949
125	0,4411779	0,426445	0,736173	114,5539	11,0904	2,613636
126	0,428604	0,406042	0,572593	50,76612	11,62066	2,727273
127	0,4219661	0,388495	1,041152	140,0021	12,08797	2,461539
128	0,4325627	0,415439	0,586318	34,79728	11,43422	2,717949
129	0,4722718	0,450625	1,240765	365,8208	10,41808	2,253968
130	0,4518172	0,45503	0,845216	337,4697	10,26231	2,53125
131	0,4221669	0,411025	0,619606	26,87189	11,2615	2,708333
132	0,4714055	0,473117	1,193104	332,4391	9,747376	2,265625
133	0,4503652	0,456564	0,844664	192,1377	10,15577	2,534483
134	0,4538321	0,46584	0,917846	275,2787	9,862793	2,482759
135	0,4397351	0,428651	0,69599	94,19376	10,71106	2,636364
136	0,4449164	0,413436	0,96668	135,5407	11,09282	2,466667
137	0,4521192	0,433107	0,939681	52,9049	10,93059	2,468085
138	0,4673142	0,40214	1,341663	87,95616	11,80872	2,214286
139	0,4374607	0,425608	0,711714	55,80421	10,74334	2,631579
140	0,4426509	0,429791	0,767908	118,2319	10,69411	2,590909
141	0,4381363	0,404525	0,870439	89,28903	11,46973	2,535714
142	0,4400618	0,397536	0,941704	72,58585	11,58999	2,48
143	0,4361886	0,384246	0,965901	78,6964	12,19209	2,476191
144	0,4476306	0,45493	0,977795	127,1368	9,946732	2,454545
145	0,4090183	0,409487	0,760105	19,76605	10,94592	2,642857
146	0,4531808	0,472077	0,839331	207,7434	9,678773	2,534247
147	0,4437556	0,434574	0,968481	157,5165	10,46489	2,464286
148	0,4424566	0,454802	0,866329	143,905	9,947538	2,529412
149	0,4385627	0,454268	0,792712	144,7659	9,94996	2,575758
150	0,450819	0,448478	0,787893	149,8244	10,40274	2,546875
151	0,4492023	0,46218	0,762782	86,4547	10,05973	2,58209
152	0,4312859	0,412693	0,838314	61,16051	11,15093	2,565217
153	0,4481203	0,403693	1,415397	116,4341	11,25424	2,230769
154	0,4312859	0,412693	0,838314	70,38587	11,15093	2,565217
155	0,4402798	0,42943	0,885568	109,0212	10,68604	2,517241

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth [Connectivity Wgt]	Mean Depth R3 [Connectivity Wgt]	Node Count	Node Count R3	RA RA	RA R3 RA R3
104	11,98138	2,417266	1240	33	0,019446	0,09879
105	12,11169	2,474576	1240	29	0,019639	0,119048
106	10,93723	2,410959	1240	17	0,017679	0,183333
107	10,79833	2,653846	1240	27	0,017471	0,135385
108	12,4463	2,528736	1240	22	0,020295	0,157143
109	12,11933	2,5	1240	29	0,019733	0,113757
110	12,40095	2,35443	1240	22	0,02015	0,142857
111	12,45728	2,134328	1240	21	0,020155	0,136842
112	10,16969	2,577092	1240	43	0,016342	0,083624
113	10,16969	2,577092	1240	43	0,016342	0,083624
114	9,953461	2,398119	1240	71	0,01606	0,044306
115	9,948926	2,338558	1240	71	0,016056	0,043064
116	10,43007	2,469388	1240	34	0,016854	0,096591
117	10,48282	2,41573	1240	35	0,016823	0,087344
118	10,30072	2,470588	1240	43	0,016572	0,080139
119	9,662292	2,363924	1240	70	0,015554	0,043052
120	9,490214	2,479876	1240	72	0,015334	0,044266
121	10,36826	2,524138	1240	35	0,016773	0,094474
122	9,535561	2,506224	1240	55	0,015408	0,0587
123	9,659904	2,380805	1240	72	0,015546	0,041449
124	10,43126	2,552941	1240	40	0,016857	0,090418
125	10,11146	2,494737	1240	45	0,016301	0,075053
126	10,658	2,594594	1240	34	0,017158	0,107955
127	11,10955	2,535211	1240	14	0,017913	0,24359
128	10,43126	2,552941	1240	40	0,016857	0,090418
129	9,48926	2,15	1240	64	0,015215	0,040451
130	9,342005	2,398468	1240	65	0,014963	0,048611
131	10,34153	2,652542	1240	25	0,016578	0,148551
132	8,886635	2,238971	1240	65	0,014131	0,040179
133	9,245108	2,461847	1240	59	0,014791	0,053842
134	8,963007	2,368201	1240	59	0,014318	0,052027
135	9,845823	2,463856	1240	45	0,015688	0,07611
136	10,24916	2,4375	1240	31	0,016305	0,101149
137	9,956325	2,333333	1240	48	0,016043	0,06383
138	10,81336	2,125926	1240	29	0,017462	0,089947
139	9,883293	2,443662	1240	39	0,01574	0,088193
140	9,82148	2,443182	1240	45	0,015661	0,073996
141	10,55322	2,432836	1240	29	0,016914	0,113757
142	10,7	2,504065	1240	26	0,017108	0,123333
143	11,24153	2,383838	1240	22	0,018081	0,147619
144	9,110023	2,446541	1240	34	0,014454	0,090909
145	10,10955	2,548387	1240	15	0,016068	0,252747
146	8,909785	2,421927	1240	74	0,014021	0,042618
147	9,585918	2,355372	1240	29	0,015291	0,108466
148	9,110023	2,465838	1240	35	0,014455	0,092692
149	9,112411	2,509434	1240	34	0,014459	0,098485
150	9,470167	2,388889	1240	65	0,01519	0,049107
151	9,131981	2,441077	1240	68	0,014636	0,047942
152	10,24057	2,528846	1240	24	0,016399	0,142293
153	10,34224	2,402985	1240	14	0,016566	0,205128
154	10,24057	2,528846	1240	24	0,016399	0,142293
155	9,769213	2,555556	1240	30	0,015648	0,108374

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
104	0,618763	0,196721	1,563161	0,576725	4,08684	2,127487	4190
105	0,61498	0,150943	1,578673	0,645552	4,050133	2,260639	4190
106	0,642365	0,241379	1,421141	0,751612	3,892506	1,774004	4190
107	0,65749	0,102041	1,404371	0,70545	3,968391	2,467788	4190
108	0,62522	0,153846	1,631393	0,733333	4,241168	2,154306	4190
109	0,624709	0,188679	1,58622	0,616861	4,185487	2,126875	4190
110	0,604959	0,230769	1,619759	0,666667	4,143238	1,901359	4190
111	0,592277	0,297297	1,620179	0,623343	4,10778	1,707325	4190
112	0,679627	0,111111	1,313604	0,571445	3,811704	2,578519	4190
113	0,679627	0,111111	1,313604	0,571445	3,811704	2,578519	4190
114	0,675125	0,218978	1,290965	0,416431	3,887728	2,20301	4190
115	0,675204	0,240876	1,290651	0,404756	3,889329	2,122412	4190
116	0,659062	0,190476	1,354795	0,573751	3,880778	2,157739	4190
117	0,659695	0,246154	1,35228	0,527692	3,759516	2,036897	4190
118	0,664759	0,148148	1,332156	0,547635	3,800791	2,384443	4190
119	0,675003	0,251852	1,250298	0,400877	3,80496	2,090502	4190
120	0,679608	0,208633	1,232585	0,419906	3,822971	2,221629	4190
121	0,64953	0,184615	1,348297	0,570769	3,89326	2,195857	4190
122	0,667089	0,2	1,238559	0,467612	3,796435	2,220076	4190
123	0,675167	0,258993	1,249669	0,393185	3,807867	2,059814	4190
124	0,659009	0,106667	1,355005	0,591381	3,879804	2,553221	4190
125	0,659393	0,164706	1,310355	0,527359	3,804757	2,335589	4190
126	0,652916	0,095238	1,379217	0,641251	3,849143	2,572977	4190
127	0,637644	0,173913	1,439903	0,913	3,857462	1,886684	4190
128	0,659009	0,106667	1,355005	0,591381	3,879804	2,553221	4190
129	0,682087	0,357724	1,223047	0,35521	3,703125	1,750109	4190
130	0,653031	0,216	1,202819	0,431199	3,673579	2,181905	4190
131	0,629178	0,088889	1,332575	0,742107	3,734446	2,463465	4190
132	0,659856	0,352	1,135949	0,356399	3,564199	1,768674	4190
133	0,657022	0,212389	1,188983	0,448587	3,6426	2,186082	4190
134	0,667997	0,238938	1,150937	0,433466	3,578051	2,091147	4190
135	0,636221	0,152941	1,261094	0,534786	3,643482	2,373126	4190
136	0,62192	0,22807	1,31067	0,569636	3,654567	2,013186	4190
137	0,641136	0,241758	1,289603	0,466762	3,805465	2,048214	4190
138	0,622718	0,358491	1,403638	0,48775	3,896695	1,627558	4190
139	0,635011	0,150685	1,265286	0,568125	3,635654	2,346574	4190
140	0,636856	0,176471	1,258893	0,519931	3,644604	2,273409	4190
141	0,621653	0,188679	1,359617	0,616861	3,748636	2,126875	4190
142	0,617307	0,212766	1,375234	0,629442	3,742142	2,054714	4190
143	0,609336	0,205128	1,453423	0,688889	3,856029	1,977767	4190
144	0,652104	0,238095	1,161837	0,540001	3,524907	1,995127	4190
145	0,627423	0,08	1,291594	0,977164	3,612864	2,217252	4190
146	0,649168	0,216783	1,12704	0,411675	3,486516	2,20232	4190
147	0,645442	0,226415	1,229126	0,58817	3,619754	1,993729	4190
148	0,652073	0,2	1,161942	0,56	3,523605	2,130157	4190
149	0,651979	0,174603	1,162256	0,585001	3,52331	2,220739	4190
150	0,671794	0,208	1,221056	0,435599	3,675821	2,240774	4190
151	0,672607	0,19084	1,176511	0,437992	3,618741	2,287977	4190
152	0,633174	0,162791	1,318216	0,695364	3,710618	2,151063	4190
153	0,642072	0,304348	1,331632	0,768842	3,670564	1,542594	4190
154	0,633174	0,162791	1,318216	0,695364	3,710618	2,151063	4190
155	0,661906	0,2	1,257845	0,599038	3,626286	2,125016	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
104	139	16153	81
105	118	16301	73
106	73	14798	38
107	130	14638	70
108	87	16804	54
109	122	16373	71
110	79	16693	51
111	67	16697	46
112	227	13772	114
113	227	13772	114
114	319	13556	177
115	319	13553	174
116	147	14165	84
117	178	14141	83
118	204	13949	111
119	316	13168	170
120	323	12999	181
121	145	14103	87
122	241	13056	138
123	323	13162	174
124	170	14167	106
125	190	13741	115
126	148	14398	90
127	71	14977	32
128	170	14167	106
129	300	12908	142
130	261	12715	162
131	118	13953	65
132	272	12077	145
133	249	12583	147
134	239	12220	144
135	166	13271	116
136	128	13744	74
137	210	13543	116
138	135	14631	62
139	142	13311	100
140	176	13250	114
141	134	14211	71
142	123	14360	62
143	99	15106	52
144	159	12324	81
145	62	13562	37
146	301	11992	185
147	121	12966	69
148	161	12325	86
149	159	12328	85
150	288	12889	163
151	297	12464	173
152	104	13816	59
153	67	13944	29
154	104	13816	59
155	162	13240	73

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
156	3508,6898	3163,6469	3515,4292	3268,2596	0	0	1989
157	3647,7669	3111,0346	3691,2667	3249,2947	20255	41	307682
158	3657,5696	3160,5880	3731,7032	3148,9644	6109	23	101563
159	3311,5073	3278,6587	3431,5066	3405,3431	570	35	19679,5
160	3326,3090	3410,6216	3389,2161	3354,1415	6	1	4119
161	3306,7496	3390,5632	3417,7622	3278,6587	108	8	12410
162	3296,2102	3376,2006	3399,2933	3266,9353	97	21	12714,5
163	3231,7172	3387,8133	3356,2997	3231,4101	21670	127	344229
164	3341,5429	3238,2255	3386,0273	3219,6504	1459	13	22092,5
165	3243,6775	3131,6206	3466,9078	3357,7522	58206	375	796025
166	3540,5092	3234,1874	3610,0665	3214,8047	2270	14	25578
167	3576,0966	3149,3880	3601,9784	3221,2656	33	0	4285
168	3531,6123	3159,8870	3585,8023	3153,4261	15	4	4116
169	3537,2740	3124,3521	3552,6413	3238,2255	3372	47	37374
170	3710,3584	3277,7985	3757,2691	3268,9147	4001	7	61602
171	3743,5194	3276,1833	3766,9748	3247,9168	3496	9	58397
172	3729,7697	3196,2296	3766,1660	3257,6082	5071	25	75366
173	3388,4537	3286,6822	3430,5116	3257,6082	61	3	4789
174	3510,7497	2932,9140	3717,8346	2894,9993	6579	45	81271,5
175	3644,2333	2769,8193	3667,6886	2995,1433	5216	21	76400,5
176	3660,4094	2990,2976	3755,8485	2989,4900	3469	11	57285,5
177	3689,5264	2896,6145	3702,4673	3000,7966	570	1	13099
178	3710,5553	2902,2678	3717,0258	2857,8491	17	3	6319,5
179	3650,7037	2868,3481	3797,9064	2850,5806	2208	8	37338,5
180	3708,9377	2891,7688	3717,0258	2908,7287	411	7	9291,5
181	3709,7465	2905,4983	3797,0976	2896,6145	180	4	6555
182	3780,1126	2870,7709	3885,2574	2854,6186	36273	18	422585,5
183	3823,7881	2860,2719	3869,6047	3120,3613	34390	33	422062
184	3730,7755	3010,4879	3880,4046	2983,8367	7959	20	154367,5
185	3840,7731	2987,0672	4050,2538	2981,4139	7630	66	152473
186	3727,1447	3204,9107	3846,4371	3120,5674	5280	32	80233
187	3805,6851	3138,3239	3896,0805	3109,4696	27006	38	339810
188	3832,3591	3101,3312	3870,8884	3187,1542	2821	30	39949
189	3813,8355	3211,5694	3876,8159	3175,3166	1593	9	22219
190	3824,9497	3198,9919	3879,7797	3223,4071	737	10	15859,5
191	3812,9923	3270,0433	3883,4844	3233,7650	617	21	19172
192	3783,4567	3239,6838	3802,7213	3338,8242	215	6	6990
193	3789,3842	3360,2800	3804,2032	3329,2061	726	9	10022
194	3840,5095	3253,0012	3850,8828	3358,0604	76	6	8306
195	3812,3536	3352,8814	3817,4278	3264,0327	2775	29	44389
196	3810,8717	3318,1083	3894,5986	3294,4330	157	7	9104,5
197	3840,5095	3292,9533	3892,3758	3277,4164	25	2	4134
198	3801,8942	3222,2996	3818,3941	3281,1409	904	32	17517
199	3801,3049	3228,7722	3820,7512	3204,0588	202	7	6766
200	3751,8051	3261,7233	3809,5548	3228,1837	1425	36	23079
201	3749,4480	3245,2477	3797,1799	3178,7570	1402	5	25052
202	3788,3407	3184,0527	3905,6079	3131,0955	2100	26	33645
203	3867,8938	3185,8180	3923,2863	3165,8119	11	0	4127
204	3860,8224	3172,8729	3914,4471	3149,9248	6	0	4048
205	3885,5723	3111,0895	3966,3040	3262,9001	23766	78	331248,5
206	3862,0010	3219,3575	3932,7149	3192,2905	17872	23	269297,5
207	3929,7685	3201,1167	4018,1609	3191,7021	4434	29	61094,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
156	13,5	0,000226588	0,002754821	0	0
157	1279	0,03505129	0,04060253	0,02641012	0,0256892
158	882,5	0,01157011	0,05966063	0,007965411	0,0365079
159	1449,5	0,002241899	0,04355207	0,000743212	0,0263952
160	160	0,000469239	0,01009974	7,82E-06	0,0017825
161	806,5	0,001413754	0,02279665	0,000140819	0,0048397
162	1539,5	0,001448442	0,04351575	0,000126477	0,0127042
163	5541	0,03921475	0,07634282	0,02825511	0,0339481
164	827	0,002516789	0,01913555	0,001902363	0,0066564
165	9731	0,09068358	0,1098053	0,07589372	0,0876578
166	365	0,002913859	0,05332749	0,00295981	0,0466667
167	46	0,000488149	0,05472933	4,30E-05	0
168	107	0,000468897	0,06147659	1,96E-05	0,0380952
169	741	0,004257665	0,05009465	0,004396688	0,0705706
170	192	0,007017732	0,02853746	0,005216829	0,0215385
171	264	0,006652616	0,05175963	0,004558369	0,0326087
172	709	0,008585733	0,07339165	0,006611982	0,0396825
173	312	0,000545565	0,01179584	7,95E-05	0,002551
174	1752,5	0,009258491	0,07582477	0,008578235	0,0382653
175	578	0,008703585	0,04750164	0,006801045	0,0374332
176	542	0,006525994	0,05155767	0,004523164	0,0221774
177	101	0,001492245	0,01475637	0,000743212	0,0039526
178	148,5	0,000719921	0,03290859	2,22E-05	0,0142857
179	448	0,004253621	0,035	0,00287897	0,0142603
180	147	0,001058492	0,03257618	0,000535895	0,0333333
181	96	0,000746749	0,05515656	0,000234699	0,0380952
182	1098	0,04814116	0,03150826	0,04729569	0,0146939
183	1866	0,04808152	0,03785143	0,04484048	0,0153846
184	1434,5	0,01758563	0,03435064	0,01037759	0,010929
185	2852	0,0173698	0,06782402	0,009948614	0,0428571
186	1272,5	0,009140185	0,06832398	0,006884493	0,0309179
187	1696	0,03871133	0,03819648	0,03521262	0,0177156
188	973	0,004551011	0,05810863	0,003678249	0,0365854
189	410,5	0,0025312	0,04438798	0,002077083	0,0206897
190	422	0,001806722	0,03215973	0,000960961	0,0142248
191	662	0,002184084	0,05371414	0,000804495	0,0283401
192	150	0,000796304	0,06683003	0,000280335	0,0350877
193	141	0,001141711	0,03191489	0,000946618	0,0355731
194	197	0,000946224	0,05719263	9,91E-05	0,0392157
195	742	0,005056818	0,08142661	0,00361827	0,0549242
196	437,5	0,001037189	0,04049239	0,000204709	0,0111111
197	93	0,000470947	0,01229427	3,26E-05	0,005291
198	614	0,001995546	0,07495117	0,001178709	0,0645161
199	170	0,000770786	0,04292387	0,000263384	0,0333333
200	512	0,002629172	0,08311014	0,001858031	0,12
201	184	0,002853937	0,03097382	0,001828042	0,0153846
202	713	0,003832856	0,05859632	0,002738151	0,0463458
203	98	0,00047015	0,01159763	1,43E-05	0
204	104	0,00046115	0,01230769	7,82E-06	0
205	1982	0,037736	0,07692756	0,03098804	0,0636735
206	886,5	0,03067851	0,04178056	0,02330297	0,0212766
207	707	0,006959917	0,08497085	0,005781409	0,0666667

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
156	1	0,166667	0,1428571	4,179597	1,06523	6,469854
157	4	0,766667	0,2	4,288743	1,17035	8,092819
158	5	1,533333	0,3571429	4,352502	1,294291	8,253206
159	7	1,758333	0,35	4,255324	1,296525	5,819358
160	2	0,214286	0,1111111	4,2485	1,265868	5,715832
161	5	1,030952	0,1724138	4,264058	1,327712	6,12333
162	5	0,864286	0,1724138	4,264058	1,327712	6,12333
163	8	1,597619	0,1818182	4,204539	1,34353	5,743641
164	3	0,441667	0,125	4,227258	1,155147	5,797878
165	15	4,458333	0,3191489	4,238669	1,450294	6,148472
166	3	1	0,3	4,265642	1,278705	7,103866
167	2	0,833333	0,4	4,269395	1,428771	6,319338
168	2	0,75	0,3333333	4,242984	1,251614	7,132667
169	4	1,166667	0,25	4,238081	1,316107	7,991952
170	2	0,533333	0,2222222	4,314902	1,15032	6,599792
171	3	0,95	0,3	4,352899	1,303381	7,272835
172	5	1,483333	0,3125	4,34587	1,364128	8,290984
173	2	0,316667	0,1111111	4,248694	1,118912	5,773728
174	7	2,366667	0,368421	4,088463	1,305273	7,788579
175	5	1,392857	0,2777778	4,144085	1,436559	7,797709
176	3	0,9	0,25	4,227323	1,225062	7,664444
177	2	0,476191	0,2	4,12899	1,27082	7,109436
178	3	0,809524	0,2727273	4,114833	1,417634	7,373983
179	3	0,866667	0,2727273	4,074767	1,141433	7,30397
180	3	0,97619	0,2727273	4,114833	1,417634	7,373983
181	2	0,833333	0,3333333	4,171651	1,251614	6,882432
182	5	1,583333	0,2941177	4,128352	1,195768	7,730303
183	6	1,45	0,2068966	4,233341	1,303334	8,12071
184	5	1,05	0,2	4,27847	1,260257	8,141945
185	10	2,134524	0,2941177	4,310948	1,49717	8,43334
186	5	0,885714	0,2083333	4,320683	1,378742	8,264966
187	5	0,795238	0,1923077	4,28596	1,233643	8,157481
188	7	2,483333	0,3888889	4,33118	1,385123	8,333062
189	3	0,97619	0,2307692	4,346312	1,299452	8,003369
190	3	0,766667	0,2	4,391946	1,230706	8,190387
191	4	0,85	0,2352941	4,454905	1,312343	7,756371
192	2	0,75	0,2857143	4,404108	1,200546	7,009228
193	2	0,625	0,1818182	4,425531	1,306184	6,388073
194	4	1,333333	0,4	4,466747	1,490723	7,578315
195	4	0,958333	0,25	4,45182	1,375702	6,776276
196	3	0,6	0,2	4,44688	1,260113	7,589421
197	2	0,35	0,1666667	4,395056	1,24163	7,229635
198	4	1,25	0,3076923	4,441736	1,302486	7,674416
199	2	0,583333	0,25	4,370722	1,215248	7,611971
200	4	1,283333	0,3076923	4,39637	1,438664	8,251139
201	2	0,45	0,2	4,407668	1,203286	7,766334
202	4	1,119048	0,2352941	4,396957	1,380498	8,286282
203	2	0,285714	0,1666667	4,36687	1,24163	7,693648
204	2	0,285714	0,1666667	4,36687	1,24163	7,693648
205	7	2,183333	0,3043478	4,345911	1,38746	8,403461
206	3	0,576191	0,1578947	4,353566	1,213615	8,100123
207	5	1,17619	0,3125	4,371502	1,457858	8,308475

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
156	3,157895	0,7582995	1,285714	0,7582995	1,285714	0,3771841
157	11,6624	0,800346	2,128262	0,800346	2,128262	0,3793527
158	10,85546	0,7343126	1,86882	0,7343126	1,86882	0,3759041
159	15,59494	0,7857139	2,184731	0,7857139	2,184731	0,3786084
160	6,394984	0,7394918	1,895044	0,7394918	1,895044	0,3761832
161	14,45026	0,7891583	2,39037	0,7891583	2,39037	0,3787846
162	14,45026	0,7891583	2,39037	0,7891583	2,39037	0,3787846
163	22,68877	0,8617942	2,803304	0,8617942	2,803304	0,3823662
164	9,795918	0,8140026	2,224036	0,8140026	2,224036	0,3800378
165	33,2775	0,8703634	3,016	0,8703634	3,016	0,3827729
166	7,111111	0,7496012	1,5469	0,7496012	1,5469	0,3767237
167	3,333333	0,6832515	0,9166667	0,6832515	0,9166667	0,3730655
168	4,285714	0,7046472	1,146061	0,7046472	1,146061	0,3742747
169	10,35294	0,7754327	1,909176	0,7754327	1,909176	0,3780789
170	5,538462	0,7398359	1,485036	0,7398359	1,485036	0,3762017
171	7,058824	0,7085721	1,53467	0,7085721	1,53467	0,3744934
172	11,50685	0,712275	1,940698	0,712275	1,940698	0,3746988
173	6,689896	0,7824277	1,984479	0,7824277	1,984479	0,3784398
174	15,03622	0,8205835	2,147587	0,8205835	2,147587	0,3803647
175	11,69054	0,7810187	2,018634	0,7810187	2,018634	0,3783673
176	7,905882	0,7363529	1,699252	0,7363529	1,699252	0,3760143
177	5,6	0,757096	1,479184	0,757096	1,479184	0,3771206
178	7,053435	0,7508991	1,551724	0,7508991	1,551724	0,3767926
179	7,724138	0,8048016	1,688312	0,8048016	1,688312	0,3795772
180	7,053435	0,7508991	1,551724	0,7508991	1,551724	0,3767926
181	4,285714	0,7006627	1,146061	0,7006627	1,146061	0,3740517
182	12,48748	0,8108893	2,041656	0,8108893	2,041656	0,3798824
183	16,77592	0,776632	2,41917	0,776632	2,41917	0,378141
184	14,30315	0,7486013	2,287444	0,7486013	2,287444	0,3766705
185	21,39535	0,7345953	2,738664	0,7345953	2,738664	0,3759194
186	13,37641	0,7242787	2,240596	0,7242787	2,240596	0,3753589
187	14,57778	0,7491303	2,324301	0,7491303	2,324301	0,3766986
188	14,05858	0,7092569	2,098753	0,7092569	2,098753	0,3745314
189	8	0,6847717	1,716497	0,6847717	1,716497	0,3731524
190	8,585366	0,6743179	1,849678	0,6743179	1,849678	0,3725518
191	10,61539	0,6637626	1,953348	0,6637626	1,953348	0,3719378
192	4,837209	0,6546088	1,282979	0,6546088	1,282979	0,3713991
193	5,69863	0,6680852	1,52269	0,6680852	1,52269	0,3721902
194	7,128713	0,6115193	1,536511	0,6115193	1,536511	0,3687798
195	10,08917	0,6737465	1,891249	0,6737465	1,891249	0,3725187
196	8,516129	0,6630246	1,834841	0,6630246	1,834841	0,3718946
197	5,970732	0,6477646	1,621111	0,6477646	1,621111	0,3709923
198	9,411765	0,6588581	1,770054	0,6588581	1,770054	0,3716499
199	5,185185	0,6550583	1,363636	0,6550583	1,363636	0,3714257
200	8,851064	0,6806195	1,728888	0,6806195	1,728888	0,3729147
201	5,700599	0,6634856	1,521256	0,6634856	1,521256	0,3719216
202	10,28571	0,6767573	1,934525	0,6767573	1,934525	0,3726926
203	5,970732	0,6660331	1,621111	0,6660331	1,621111	0,3720705
204	5,970732	0,6660331	1,621111	0,6660331	1,621111	0,3720705
205	16,31068	0,7214309	2,271702	0,7214309	2,271702	0,3752031
206	9,206349	0,7077312	2,025026	0,7077312	2,025026	0,3744466
207	10,90909	0,6628404	1,931059	0,6628404	1,931059	0,3718838

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
156	0,4212994	0,411947	0,689267	104,8296	11,15496	2,666667
157	0,4461845	0,446144	0,754226	144,9417	10,62147	2,596491
158	0,4456458	0,415417	0,903561	75,03928	11,48668	2,5
159	0,4512381	0,434574	0,892413	174,4957	10,80065	2,5
160	0,4492124	0,408351	0,923029	84,54176	11,41324	2,441176
161	0,4574787	0,437375	0,955305	157,6274	10,75787	2,431035
162	0,4574787	0,437375	0,955305	150,2166	10,75787	2,431035
163	0,4628197	0,470969	0,969104	199,9569	9,935431	2,413793
164	0,4480979	0,447253	0,746762	48,20673	10,46005	2,587301
165	0,4682575	0,479514	1,099416	317,7535	9,847458	2,344086
166	0,4368355	0,415604	0,89855	72,20741	11,2728	2,52
167	0,4184144	0,379149	1,298883	76,39534	12,27038	2,333333
168	0,4208359	0,388603	0,910265	54,57377	11,92817	2,533333
169	0,4471202	0,42715	0,92615	114,9056	10,93059	2,486486
170	0,4305993	0,414927	0,757528	47,74451	11,40839	2,615385
171	0,4374882	0,400891	0,930987	36,73074	11,86763	2,5
172	0,4499024	0,402335	0,989662	71,35837	11,81114	2,444444
173	0,4429851	0,432082	0,717251	51,12894	10,84181	2,612245
174	0,4511406	0,436065	0,906439	210,5271	10,38418	2,489796
175	0,4566251	0,420685	1,117324	226,5415	10,85956	2,352941
176	0,4389017	0,404591	0,825042	95,44251	11,45763	2,5625
177	0,4347032	0,406313	0,89705	104,9827	11,17111	2,521739
178	0,4448276	0,401605	1,113855	44,8875	11,25504	2,380952
179	0,4362637	0,426245	0,739818	148,271	10,5682	2,617647
180	0,4448276	0,401605	1,113855	18,78973	11,25504	2,380952
181	0,4208359	0,37991	0,910265	87,80161	11,99031	2,533333
182	0,4453446	0,435118	0,781848	106,3782	10,49637	2,58
183	0,4552254	0,427332	0,900241	264,094	10,91525	2,484848
184	0,4516552	0,416298	0,849304	151,984	11,28652	2,52459
185	0,4732206	0,41161	1,254981	209,557	11,48265	2,232143
186	0,4576544	0,406745	1,028585	146,0975	11,63196	2,391304
187	0,4512878	0,417322	0,818357	94,88897	11,27926	2,545455
188	0,4542459	0,399276	1,020617	94,07494	11,85714	2,414634
189	0,4422898	0,386838	0,915523	72,66916	12,24536	2,5
190	0,4427817	0,384932	0,827544	60,02027	12,41969	2,552632
191	0,4479297	0,384337	0,920943	79,27962	12,60129	2,48718
192	0,424905	0,374715	0,827963	100,9948	12,76352	2,578947
193	0,4382766	0,38429	0,949952	34,42652	12,52623	2,478261
194	0,4517969	0,355026	1,287442	105,5701	13,59241	2,277778
195	0,4500783	0,389849	1,016823	88,99355	12,42938	2,424242
196	0,4436052	0,383219	0,863411	87,00993	12,61421	2,527778
197	0,4381363	0,370035	0,857316	54,14338	12,88781	2,535714
198	0,44353	0,38037	0,914512	61,11097	12,68765	2,5
199	0,4283892	0,37213	0,835483	31,44695	12,75545	2,571429
200	0,4506139	0,388921	1,133493	66,78269	12,31396	2,36
201	0,4333935	0,380104	0,812218	81,84955	12,60613	2,576923
202	0,451605	0,386765	1,02803	128,6704	12,37853	2,411765
203	0,4381363	0,378031	0,857316	58,89462	12,56174	2,535714
204	0,4381363	0,378031	0,857316	58,32859	12,56174	2,535714
205	0,4564992	0,407511	1,010864	171,9421	11,67393	2,42
206	0,4461808	0,400476	0,809077	75,7171	11,88055	2,553191
207	0,4564117	0,376618	1,15881	88,89234	12,61743	2,333333

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
156	10,24463	2,626263	1240	22	0,016405	0,166667
157	9,635799	2,501992	1240	58	0,015544	0,057018
158	10,47924	2,47093	1240	37	0,016941	0,085714
159	9,861814	2,344961	1240	53	0,015833	0,058824
160	10,48186	2,393258	1240	35	0,016823	0,087344
161	9,806444	2,266917	1240	59	0,015764	0,050212
162	9,805966	2,259398	1240	59	0,015764	0,050212
163	9,006921	2,2021	1240	88	0,014435	0,032879
164	9,52315	2,421769	1240	64	0,015283	0,051203
165	8,902387	2,235154	1240	94	0,014293	0,029219
166	10,3062	2,51282	1240	26	0,016596	0,126667
167	11,3043	2,414634	1240	10	0,018207	0,333333
168	10,98329	2,440678	1240	16	0,017655	0,219048
169	9,985203	2,511628	1240	38	0,016043	0,082583
170	10,38353	2,577586	1240	27	0,016815	0,129231
171	10,82888	2,465347	1240	25	0,017557	0,130435
172	10,81623	2,316547	1240	37	0,017465	0,08254
173	9,897136	2,504348	1240	50	0,0159	0,067177
174	9,683293	2,427907	1240	50	0,01516	0,062075
175	10,08998	2,403846	1240	35	0,015928	0,081996
176	10,62768	2,468966	1240	33	0,016894	0,100807
177	10,42983	2,547009	1240	24	0,016432	0,13834
178	10,53413	2,389474	1240	22	0,016567	0,138095
179	9,876134	2,56875	1240	35	0,015458	0,098039
180	10,53461	2,410526	1240	22	0,016567	0,138095
181	11,22816	2,474576	1240	16	0,017755	0,219048
182	9,791647	2,602273	1240	51	0,015341	0,06449
183	10,12816	2,394904	1240	67	0,016018	0,045688
184	10,41862	2,363322	1240	62	0,016618	0,05082
185	10,62959	2,137931	1240	57	0,016935	0,044805
186	10,7105	2,284974	1240	47	0,017176	0,061836
187	10,42172	2,463087	1240	67	0,016606	0,047552
188	10,95728	2,382514	1240	42	0,01754	0,070732
189	11,29117	2,485294	1240	31	0,018167	0,103448
190	11,39189	2,432099	1240	39	0,018449	0,083926
191	11,53437	2,318471	1240	40	0,018742	0,078273
192	11,71575	2,432836	1240	20	0,019004	0,175439
193	11,46372	2,478723	1240	24	0,018621	0,134387
194	12,5253	2,253012	1240	19	0,020343	0,150327
195	11,34916	2,355556	1240	34	0,018464	0,089015
196	11,54749	2,353741	1240	37	0,018763	0,087302
197	11,8506	2,406504	1240	29	0,019205	0,113757
198	11,63294	2,390625	1240	33	0,018882	0,096774
199	11,7537	2,52809	1240	22	0,018991	0,157143
200	11,27852	2,405406	1240	26	0,018278	0,113333
201	11,58067	2,46789	1240	27	0,01875	0,126154
202	11,41957	2,371795	1240	35	0,018382	0,085562
203	11,63389	2,476923	1240	29	0,018678	0,113757
204	11,63389	2,476923	1240	29	0,018678	0,113757
205	10,75895	2,352423	1240	51	0,017244	0,057959
206	10,89093	2,466019	1240	48	0,017578	0,06753
207	11,7031	2,248062	1240	31	0,018768	0,091954

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
156	0,633028	0,102564	1,31874	0,777778	3,709605	2,345636	4190
157	0,652307	0,18018	1,24946	0,469867	3,812465	2,303446	4190
158	0,633959	0,217391	1,361818	0,535097	3,902147	2,108752	4190
159	0,679714	0,227723	1,272728	0,457722	3,74986	2,132602	4190
160	0,659695	0,246154	1,35228	0,527692	3,759516	2,036897	4190
161	0,670617	0,265487	1,267173	0,418345	3,747008	2,021416	4190
162	0,670617	0,265487	1,267173	0,418345	3,747008	2,021416	4190
163	0,698379	0,280702	1,16037	0,356722	3,658894	2,01254	4190
164	0,68067	0,186992	1,228497	0,449633	3,695837	2,30443	4190
165	0,691177	0,31694	1,148945	0,331565	3,685853	1,883457	4190
166	0,641424	0,191489	1,334043	0,646454	3,782415	2,089721	4190
167	0,619561	0,2	1,46359	1,090909	3,845105	1,626499	4190
168	0,618549	0,148148	1,41915	0,872554	3,807384	2,050147	4190
169	0,641136	0,225352	1,289603	0,523786	3,744543	2,060765	4190
170	0,648658	0,142857	1,351651	0,673385	3,875789	2,271073	4190
171	0,633156	0,2	1,411289	0,651606	3,92501	2,046488	4190
172	0,622634	0,246377	1,403952	0,515279	3,909692	1,992278	4190
173	0,667784	0,168421	1,278073	0,503911	3,734142	2,340005	4190
174	0,620653	0,231579	1,218645	0,465639	3,565893	2,11618	4190
175	0,616609	0,292308	1,280379	0,495384	3,626983	1,837	4190
176	0,608254	0,180328	1,358045	0,588494	3,735977	2,19032	4190
177	0,604494	0,186047	1,320836	0,676048	3,664739	2,069227	4190
178	0,60123	0,25641	1,331737	0,644445	3,649309	1,822126	4190
179	0,613214	0,153846	1,242542	0,592307	3,595591	2,318112	4190
180	0,60123	0,25641	1,331737	0,644445	3,649309	1,822126	4190
181	0,588299	0,148148	1,42722	0,872554	3,758851	2,050147	4190
182	0,616118	0,185567	1,233214	0,489798	3,6708	2,274312	4190
183	0,614443	0,24031	1,287611	0,413365	3,783271	2,101757	4190
184	0,614664	0,218487	1,335824	0,437169	3,816193	2,168228	4190
185	0,607317	0,366973	1,361294	0,365142	3,880419	1,710889	4190
186	0,615791	0,280899	1,380684	0,44631	3,857992	1,932993	4190
187	0,614936	0,209302	1,334881	0,430237	3,841572	2,212149	4190
188	0,607653	0,265823	1,409926	0,476473	3,898063	1,974431	4190
189	0,607477	0,210526	1,460341	0,582582	3,921889	2,063279	4190
190	0,614521	0,191781	1,48298	0,540635	3,991164	2,185021	4190
191	0,620869	0,226667	1,506563	0,511942	4,06996	2,066505	4190
192	0,615567	0,142857	1,52763	0,779436	4,00399	2,164109	4190
193	0,634944	0,209302	1,496815	0,656733	4,044384	1,998856	4190
194	0,601176	0,30303	1,635271	0,650825	4,108457	1,672421	4190
195	0,638011	0,253968	1,484238	0,528751	4,072035	1,94491	4190
196	0,620447	0,202899	1,50824	0,545006	4,061021	2,133714	4190
197	0,611505	0,188679	1,543771	0,616861	3,994786	2,125709	4190
198	0,618047	0,213115	1,517778	0,564955	4,041163	2,08122	4190
199	0,603188	0,153846	1,526582	0,733333	3,974375	2,154306	4190
200	0,61809	0,276596	1,46925	0,578406	3,991819	1,815365	4190
201	0,608228	0,163265	1,507192	0,657352	4,012687	2,189799	4190
202	0,602829	0,261539	1,477635	0,516923	3,995147	1,92996	4190
203	0,596433	0,188679	1,501427	0,616861	3,95025	2,125709	4190
204	0,596433	0,188679	1,501427	0,616861	3,95025	2,125709	4190
205	0,614274	0,268041	1,386134	0,440199	3,888343	1,973707	4190
206	0,620211	0,197802	1,412966	0,493821	3,92026	2,210745	4190
207	0,59449	0,298246	1,508659	0,517851	3,950569	1,795928	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
156	99	13821	56
157	251	13160	148
158	172	14232	90
159	258	13382	130
160	178	14141	83
161	266	13329	141
162	266	13329	141
163	381	12310	210
164	294	12960	163
165	421	12201	218
166	117	13967	63
167	41	15203	21
168	59	14779	38
169	172	13543	92
170	116	14135	68
171	101	14704	60
172	139	14634	88
173	230	13433	128
174	215	12866	122
175	156	13455	80
176	145	14196	82
177	117	13841	58
178	95	13945	50
179	160	13094	89
180	95	13945	50
181	59	14856	38
182	264	13005	129
183	314	13524	164
184	289	13984	154
185	290	14227	125
186	193	14412	110
187	298	13975	168
188	183	14691	99
189	136	15172	75
190	162	15388	97
191	157	15613	97
192	67	15814	49
193	94	15520	57
194	83	16841	41
195	135	15400	80
196	147	15629	91
197	123	15968	71
198	128	15720	80
199	89	15804	54
200	111	15257	59
201	109	15619	67
202	156	15337	82
203	130	15564	71
204	130	15564	71
205	227	14464	121
206	206	14720	120
207	129	15633	70

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
208	3953,9290	3189,9369	4010,5002	3307,6195	4440	20	54115
209	3999,3038	3300,5586	4029,3572	3223,4764	2233	5	21816,5
210	3986,9289	3190,5253	4021,6965	3257,0160	1625	5	20086
211	3989,2860	3207,0009	4034,6608	3154,6321	134	7	9745
212	3989,2860	3141,6870	3998,1252	3219,3575	3095	12	41121
213	3906,7864	3161,1046	4009,9109	3145,2175	8404	36	129302,5
214	3984,5717	3152,8668	4110,8229	3090,8383	286	4	11807
215	4019,3394	3234,0679	4047,6250	3224,0648	1145	4	11927
216	4037,6072	3234,6563	4061,7677	3179,3454	257	3	6214
217	4044,6786	3200,5283	4127,7674	3144,0406	360	5	7131
218	4108,3211	3151,1016	4174,9100	3144,0406	1471	9	16388,5
219	4146,3742	3150,9898	4167,7503	3092,5731	12010	14	149139
220	4112,6225	3053,2541	4168,8754	3109,4240	15133	12	173885
221	3925,8628	3049,8839	3950,6141	3159,9770	9231	32	125460
222	3901,1115	3131,8920	3996,7414	3118,4112	2143	12	31547
223	4192,9483	3549,3951	4367,3323	3566,2461	0	0	1696
224	3890,0326	3050,6345	4097,0433	3048,3877	10851	59	149849
225	4053,1661	3042,7707	4138,6705	3069,7323	8825	21	106319
226	3985,6626	3037,1537	3994,6630	3151,7404	3309	32	56614
227	3600,7078	2912,0501	3619,8338	2988,4412	13	10	3856
228	3775,0918	2964,8498	3787,0561	3091,4327	4590	25	92454
229	3695,2127	3117,6320	3816,0274	3073,2037	3173	55	62974,5
230	3797,5930	3085,0535	3823,4693	3050,2281	998	13	22122
231	3814,4688	3053,5983	3875,2220	3052,4749	2109	14	30292
232	3652,4605	3008,6624	3712,0886	3006,4156	0	4	5566,5
233	3687,3373	3003,0454	3705,3382	3078,3131	22	1	7021,5
234	3707,5883	3000,7986	3727,9227	3074,7888	17	0	6969
235	3925,8496	3078,3131	3930,3498	2813,1910	19204	83	270162
236	3889,8478	2823,3016	3940,4754	2827,7952	379	13	14545
237	3921,3494	2891,8289	3991,1030	2887,3353	6	1	4263
238	3926,9747	2792,9698	3991,9856	2830,8323	4	2	6931,5
239	3980,9775	2815,4378	3992,2280	2987,3178	3855	50	79678,5
240	3923,5995	2922,1607	4051,8561	2995,1816	122	9	18363
241	4042,8557	3055,8451	4043,9807	2857,0035	1668	28	43451
242	4010,2290	2879,4715	4112,6093	2892,9523	216	1	10279
243	4012,4791	2986,1944	4013,6042	2852,5099	442	4	21755,5
244	3977,6023	2844,6462	4054,1063	2867,1141	1585	11	48142
245	3796,4679	2657,0386	4018,1796	2812,0004	66286	137	893795
246	3893,3548	2706,2170	3896,7300	2835,4079	1051	19	23624
247	3868,6036	2693,8596	3874,2289	2827,5441	0	0	1987,5
248	3429,8309	2756,7700	3828,1015	2668,0215	157564	183	1900742
249	3834,8518	2690,4895	3951,8579	2547,8178	139	0	8779,5
250	3819,1010	2624,2089	3932,7319	2682,6257	1563	2	29829
251	3783,0991	2688,2427	3894,5356	2517,1107	28051	30	370037
252	3456,8880	2660,9058	3792,1553	2563,1701	1073	5	25903
253	3779,7927	2284,0987	3788,7802	2684,4971	196068	158	2178851
254	3776,4175	2323,4176	3811,2943	2182,9928	57674	9	526769
255	3802,2957	2193,9084	3842,7978	2177,0574	56697	5	517930
256	3778,6695	2418,5881	4193,8159	2414,0945	63389	49	601002
257	4156,6890	2417,4647	4310,8220	2330,9630	9514	12	108513
258	4250,0689	2347,8140	4732,7188	2377,0224	0	0	3904
259	4148,8136	2332,0864	4212,9419	2472,5113	6034	23	62315,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
208	489,5	0,006164809	0,06471016	0,005789233	0,045977
209	128,5	0,002485347	0,05098195	0,002911567	0,0367647
210	173	0,002288207	0,05273587	0,002118807	0,0263158
211	202	0,001110155	0,06473321	0,00017472	0,0409357
212	384	0,004684526	0,07835935	0,004035512	0,0474308
213	1188	0,01473021	0,06445313	0,01095782	0,0512091
214	299	0,00134506	0,04601416	0,00037291	0,0144928
215	44	0,00135873	0,06094183	0,001492944	0,0888889
216	41	0,000707902	0,1124829	0,000335098	0,1071429
217	63	0,000812367	0,1089965	0,000469397	0,1111111
218	117,5	0,001866986	0,094	0,001918009	0,0857143
219	266	0,01698999	0,0971512	0,01565961	0,0818714
220	496	0,01980907	0,05363322	0,01973164	0,031746
221	1437,5	0,01429247	0,04252959	0,01203613	0,0241327
222	456	0,003593851	0,0347508	0,002794218	0,0227273
223	6,5	0,000193209	0,004998078	0	0
224	2438	0,01707088	0,06131482	0,01414842	0,0383117
225	999	0,01211192	0,03776938	0,01150675	0,0202899
226	976	0,006449496	0,04831564	0,004314543	0,0390244
227	237	0,000439278	0,03989563	1,70E-05	0,0362319
228	1251	0,01053241	0,04068028	0,005984815	0,0196078
229	1749,5	0,007174088	0,1092038	0,004137215	0,074224
230	457	0,00252015	0,04347206	0,001301273	0,0262097
231	335	0,00345088	0,0193664	0,002749886	0,0188934
232	96	0,000634139	0,033241	0	0,0333333
233	156	0,000799893	0,03385417	2,87E-05	0,005848
234	151,5	0,000793912	0,03287761	2,22E-05	0
235	3442	0,03077699	0,07448927	0,02503974	0,0468927
236	874	0,001656974	0,027968	0,000494171	0,0125604
237	187	0,000485643	0,01116785	7,82E-06	0,0018939
238	439	0,00078964	0,0199093	5,22E-06	0,0031746
239	2426	0,009077016	0,07289226	0,005026462	0,042517
240	822	0,002091923	0,02976913	0,000159074	0,0086957
241	1748,5	0,00494996	0,06020902	0,002174874	0,0248227
242	284,5	0,001170989	0,01353956	0,000281638	0,0015015
243	551	0,002478398	0,02475236	0,000576316	0,0051282
244	864	0,005484362	0,03602928	0,002066652	0,0156472
245	6758,5	0,1018216	0,0556143	0,08642907	0,0306831
246	1069	0,002691258	0,02344195	0,001370379	0,0111046
247	87,5	0,000226417	0,003583055	0	0
248	9116	0,2165335	0,06206343	0,2054448	0,0247934
249	309	0,001000165	0,009429932	0,00018124	0
250	400,5	0,003398135	0,01194079	0,002037966	0,0018501
251	2439	0,04215481	0,02542691	0,03657517	0,0074906
252	1094	0,002950883	0,0291438	0,001399065	0,0029223
253	7567	0,2482158	0,0665146	0,2556494	0,0283917
254	479	0,0600098	0,01115913	0,07520005	0,004918
255	178	0,05900285	0,01693222	0,07392616	0,0153846
256	1916	0,06846646	0,04119323	0,08265173	0,0215101
257	504,5	0,01236186	0,03661634	0,01240513	0,0190476
258	46	0,000444746	0,01989619	0	0
259	571	0,007099014	0,04460938	0,007867619	0,0409982

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
208	3	0,733333	0,2307692	4,385366	1,299452	8,129097
209	3	1,083333	0,3333333	4,42803	1,44416	7,997861
210	4	0,983333	0,3636364	4,409019	1,481776	8,124851
211	4	0,983333	0,3636364	4,405286	1,503877	8,101805
212	5	1,15	0,4166667	4,365108	1,471465	8,141232
213	5	0,959524	0,25	4,343757	1,41595	8,259078
214	4	0,9	0,2857143	4,378563	1,474779	8,158281
215	2	0,833333	0,3333333	4,450102	1,475435	7,385705
216	2	1	0,4	4,510154	1,484378	7,146998
217	2	0,833333	0,3333333	4,46945	1,475435	7,34887
218	3	1	0,3333333	4,441106	1,498999	7,919347
219	4	1,166667	0,3636364	4,415948	1,503877	8,139286
220	4	1,083333	0,3333333	4,38723	1,340866	8,17521
221	5	1,311111	0,2380952	4,295495	1,276205	8,171213
222	3	0,616667	0,2307692	4,331292	1,245982	7,909053
223	1	0,25	0,2	4,551993	1,157957	5,383348
224	6	0,95	0,2068966	4,313504	1,375765	8,326524
225	4	0,777778	0,2	4,363213	1,287782	8,272829
226	6	1,95	0,375	4,345818	1,305583	8,289569
227	2	0,392857	0,1818182	4,099457	1,285983	7,088064
228	4	0,565079	0,1538462	4,334576	1,312929	8,186657
229	9	2,509524	0,36	4,376277	1,545479	8,557693
230	4	0,861111	0,2105263	4,280128	1,418626	8,047015
231	4	1,25	0,3076923	4,250039	1,179331	7,900106
232	3	0,833333	0,3333333	4,349535	1,47264	7,760548
233	3	0,569444	0,2727273	4,386047	1,459047	7,979525
234	3	0,569444	0,2727273	4,386047	1,459047	7,979525
235	9	2,067857	0,2903226	4,236774	1,440484	8,24319
236	4	0,861111	0,2352941	4,201843	1,218826	7,845103
237	2	0,222222	0,125	4,249702	1,256527	7,487704
238	3	0,561111	0,2	4,179126	1,260113	7,625672
239	9	2,017857	0,4090909	4,21207	1,407883	8,152764
240	8	1,052381	0,3076923	4,292519	1,484799	8,358862
241	9	1,734524	0,375	4,299507	1,460763	8,383968
242	3	0,365079	0,1875	4,347181	1,270826	8,042511
243	7	1,317857	0,3888889	4,281284	1,399741	8,234956
244	4	0,565079	0,2352941	4,185855	1,326109	7,819272
245	11	3,09359	0,2682927	4,082783	1,340224	7,878394
246	4	0,790909	0,2	4,124227	1,150434	7,673401
247	1	0,090909	0,08333334	4,086682	0,9805207	6,265583
248	13	3,0921	0,25	4,008245	1,323803	7,686556
249	3	0,5671	0,1666667	4,107575	1,203655	7,470765
250	3	0,7	0,25	4,01654	0,9921052	7,159242
251	6	1,117832	0,1666667	3,986543	1,223467	7,472645
252	8	1,884524	0,32	3,965261	1,349694	7,497815
253	12	2,344023	0,2352941	3,930526	1,373297	7,439933
254	3	0,75	0,1578947	3,885589	1,072877	6,854282
255	2	0,583333	0,25	3,892406	1,085437	11,99364
256	8	4,316667	0,2857143	3,959963	1,318977	16,63702
257	5	1,325	0,2777778	3,980124	1,410825	22,83279
258	2	0,45	0,25	3,987074	1,305227	15,81212
259	5	1,491667	0,2631579	3,977282	1,448008	22,76456

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
208	8	0,651747	1,716497	0,651747	1,716497	0,3712294
209	6,206897	0,6057729	1,402843	0,6057729	1,402843	0,3684196
210	7,741935	0,6151863	1,604253	0,6151863	1,604253	0,3690083
211	7,578948	0,6144335	1,603724	0,6144335	1,603724	0,3689615
212	8,888889	0,6439608	1,725715	0,6439608	1,725715	0,3707648
213	12,34339	0,7000458	2,098673	0,7000458	2,098673	0,3740171
214	8,849162	0,646404	1,782198	0,646404	1,782198	0,3709111
215	3,870968	0,5649863	1,020788	0,5649863	1,020788	0,3657815
216	3,2	0,5360672	0,8870222	0,5360672	0,8870222	0,3638177
217	3,870968	0,5569391	1,020788	0,5569391	1,020788	0,3652432
218	5,915493	0,5975028	1,387337	0,5975028	1,387337	0,3678963
219	7,578948	0,6258806	1,603724	0,6258806	1,603724	0,3696686
220	8,855814	0,6428328	1,70019	0,6428328	1,70019	0,3706971
221	13,42657	0,726706	2,157077	0,726706	2,157077	0,3754914
222	8,129032	0,6888256	1,742916	0,6888256	1,742916	0,3733834
223	2,769231	0,5773979	0,9909774	0,5773979	0,9909774	0,3665998
224	16,13974	0,7182267	2,422664	0,7182267	2,422664	0,3750271
225	11,3089	0,671376	2,078234	0,671376	2,078234	0,3723814
226	12,64865	0,6864468	1,995536	0,6864468	1,995536	0,373248
227	5,74359	0,7676341	1,53467	0,7676341	1,53467	0,3776736
228	11,90191	0,7316659	2,271727	0,7316659	2,271727	0,3757609
229	16,36364	0,6918225	2,517649	0,6918225	2,517649	0,3735535
230	10,18182	0,6936836	2,022918	0,6936836	2,022918	0,3736588
231	9,707865	0,7180105	1,827326	0,7180105	1,827326	0,3750153
232	6,075949	0,6523263	1,393829	0,6523263	1,393829	0,3712638
233	6,810811	0,6604087	1,539575	0,6604087	1,539575	0,3717411
234	6,810811	0,6604087	1,539575	0,6604087	1,539575	0,3717411
235	20,82645	0,7684378	2,567054	0,7684378	2,567054	0,3777155
236	10,90909	0,7495423	1,991641	0,7495423	1,991641	0,3767205
237	6,324324	0,6994299	1,814056	0,6994299	1,814056	0,3739825
238	8,516129	0,7410426	1,834841	0,7410426	1,834841	0,3762665
239	17,37931	0,7590837	2,305498	0,7590837	2,305498	0,3772254
240	17,28291	0,7136602	2,430477	0,7136602	2,430477	0,3747754
241	17,97432	0,7163393	2,379464	0,7163393	2,379464	0,3749233
242	8,655738	0,6628404	1,875084	0,6628404	1,875084	0,3718838
243	13,96963	0,7123282	2,098096	0,7123282	2,098096	0,3747017
244	10,56	0,744338	1,948768	0,744338	1,948768	0,376443
245	27,86026	0,8773263	2,790329	0,8773263	2,790329	0,383101
246	11,70732	0,8021628	2,138463	0,8021628	2,138463	0,3794444
247	3,525836	0,7876599	1,727844	0,7876599	1,727844	0,3787081
248	34,0938	0,9577318	2,999117	0,9577318	2,999117	0,38675
249	9,106542	0,793622	1,991641	0,793622	1,991641	0,379012
250	8,228572	0,8240563	1,847836	0,8240563	1,847836	0,3805363
251	18,23726	0,9183679	2,595913	0,9183679	2,595913	0,3849949
252	18,5124	0,8661756	2,362256	0,8661756	2,362256	0,3825745
253	31,37101	0,9724721	2,990698	0,9724721	2,990698	0,3873926
254	9,450549	0,9152843	2,106261	0,9152843	2,106261	0,3848549
255	5,314685	0,831743	1,4505	0,831743	1,4505	0,3809143
256	19,79984	0,8757158	2,445249	0,8757158	2,445249	0,3830253
257	11,906	0,7915809	2,018325	0,7915809	2,018325	0,3789082
258	5,057471	0,7180645	1,308879	0,7180645	1,308879	0,3750182
259	11,7847	0,7913182	2,063493	0,7913182	2,063493	0,3788948

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
208	0,4422898	0,371489	0,915523	130,5737	12,81517	2,5
209	0,4421295	0,348642	1,181585	82,7337	13,71186	2,352941
210	0,4518649	0,35254	1,244692	75,03203	13,51735	2,3
211	0,4547393	0,35181	1,307719	69,29184	13,53269	2,263158
212	0,454405	0,365355	1,217764	78,17191	12,95803	2,304348
213	0,4569343	0,395235	1,082785	104,341	12	2,368421
214	0,4565384	0,367872	1,228983	140,6659	12,91283	2,291667
215	0,4283173	0,326787	1,352482	30,00225	14,62954	2,3
216	0,422549	0,314243	1,484378	60,35747	15,36481	2,25
217	0,4283173	0,323533	1,352482	100,4719	14,82647	2,3
218	0,4481426	0,344897	1,332444	66,96224	13,88781	2,266667
219	0,4547393	0,359232	1,307719	62,20491	13,30347	2,263158
220	0,4437556	0,366563	0,972128	79,49497	12,97902	2,464286
221	0,4499225	0,405729	0,867165	112,8411	11,59645	2,519231
222	0,4407286	0,387784	0,847268	96,57545	12,17918	2,545455
223	0,4080946	0,341613	0,81057	175,1963	14,33656	2,615385
224	0,4599037	0,402676	1,018424	207,0229	11,72155	2,392857
225	0,4495237	0,380745	0,890085	89,65452	12,46973	2,5
226	0,4486734	0,38774	0,913908	114,9396	12,21792	2,487805
227	0,4374882	0,409022	0,918559	78,74901	11,03148	2,5
228	0,4558979	0,412215	0,948227	127,147	11,52462	2,431373
229	0,4777921	0,393516	1,404981	128,7248	12,13075	2,153846
230	0,4593754	0,385906	1,141821	43,38653	12,10089	2,3125
231	0,4406915	0,396632	0,773332	60,76355	11,72478	2,589744
232	0,4447414	0,368781	1,251744	59,67039	12,80468	2,3125
233	0,4489722	0,376485	1,215872	77,39033	12,66021	2,315789
234	0,4489722	0,376485	1,215872	76,73355	12,66021	2,315789
235	0,4639418	0,423166	1,098369	265,1603	11,02098	2,35
236	0,4450502	0,409356	0,806828	50,82664	11,27361	2,565217
237	0,445259	0,386337	0,89004	69,89819	12,00969	2,484848
238	0,4436052	0,402526	0,863411	75,23286	11,39145	2,527778
239	0,4587266	0,415577	1,050659	172,2478	11,14447	2,387755
240	0,4667845	0,398169	1,203199	147,5867	11,79015	2,282609
241	0,4628824	0,400315	1,136149	198,8448	11,7498	2,333333
242	0,4451187	0,374523	0,878025	103,264	12,61743	2,513514
243	0,4550611	0,396386	1,043443	133,6892	11,81033	2,4
244	0,448522	0,404967	0,940332	79,73498	11,34544	2,473684
245	0,4603626	0,465574	0,932329	270,4981	9,77724	2,463158
246	0,4458227	0,430004	0,73432	129,2349	10,59968	2,610169
247	0,4341219	0,418386	0,60002	133,8027	10,77643	2,7
248	0,4617592	0,498968	0,909652	408,0389	9,040355	2,47541
249	0,4450502	0,423708	0,796786	184,5145	10,70299	2,565217
250	0,4368574	0,430207	0,602798	127,7673	10,34463	2,702128
251	0,4548242	0,475868	0,806779	204,2161	9,384988	2,544445
252	0,4557843	0,446425	0,952725	349,2227	9,890234	2,457627
253	0,4644082	0,496825	0,986194	400,4993	8,918483	2,415094
254	0,4435794	0,46226	0,665183	144,6911	9,413237	2,655738
255	0,4279054	0,420801	0,697781	43,8677	10,25827	2,653846
256	0,4555344	0,450739	0,910094	415,1708	9,793382	2,485294
257	0,454413	0,409505	1,065316	176,747	10,72801	2,388889
258	0,429817	0,372119	0,95382	483,533	11,72397	2,5
259	0,4592616	0,409077	1,151824	154,3748	10,73123	2,323529

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth [Connectivity Wgt]	Mean Depth R3 [Connectivity Wgt]	Node Count	Node Count R3	RA RA	RA R3 RA R3
208	11,8284	2,398374	1240	31	0,019088	0,103448
209	12,7136	2,323944	1240	18	0,020536	0,169118
210	12,59093	2,135803	1240	21	0,020222	0,136842
211	12,60358	2,113924	1240	20	0,020247	0,140351
212	12,07017	2,131313	1240	24	0,019318	0,118577
213	11,11408	2,359375	1240	39	0,017771	0,073969
214	12,02029	2,22807	1240	25	0,019245	0,112319
215	13,62864	2,342105	1240	11	0,022019	0,288889
216	14,33365	2,259259	1240	9	0,023206	0,357143
217	13,83532	2,235294	1240	11	0,022337	0,288889
218	12,90453	2,1	1240	16	0,02082	0,180952
219	12,358	2,202703	1240	20	0,019876	0,140351
220	12,10334	2,448529	1240	29	0,019352	0,108466
221	10,77399	2,419231	1240	53	0,017119	0,059578
222	11,30812	2,487654	1240	34	0,01806	0,096591
223	13,21742	2,509804	1240	14	0,021545	0,269231
224	10,9136	2,283688	1240	57	0,017321	0,050649
225	11,63484	2,404348	1240	47	0,018529	0,066667
226	11,35704	2,41791	1240	42	0,018123	0,07439
227	10,2957	2,486238	1240	25	0,016206	0,130435
228	10,57852	2,342742	1240	52	0,017003	0,057255
229	11,1463	2,083799	1240	40	0,017982	0,060729
230	11,22387	2,282759	1240	33	0,017934	0,084677
231	10,91384	2,537634	1240	40	0,017326	0,083671
232	11,80907	2,210526	1240	17	0,019071	0,175
233	11,64081	2,166667	1240	20	0,018837	0,146199
234	11,64081	2,166667	1240	20	0,018837	0,146199
235	10,25012	2,220395	1240	61	0,016189	0,045763
236	10,53675	2,512	1240	47	0,016597	0,069565
237	11,23437	2,387978	1240	34	0,017786	0,092803
238	10,66229	2,452381	1240	37	0,016787	0,087302
239	10,38425	2,22093	1240	50	0,016388	0,057823
240	10,97542	2,055319	1240	47	0,017432	0,057005
241	10,93843	2,124481	1240	49	0,017366	0,056738
242	11,79165	2,370732	1240	38	0,018768	0,084084
243	11,00167	2,199052	1240	41	0,017464	0,071795
244	10,61313	2,356164	1240	39	0,016713	0,079659
245	9,112649	2,393509	1240	96	0,01418	0,031131
246	9,914082	2,52649	1240	60	0,015508	0,055523
247	10,11217	2,638009	1240	41	0,015794	0,087179
248	8,420525	2,319188	1240	123	0,012989	0,024387
249	10,03461	2,511719	1240	47	0,015675	0,069565
250	9,763007	2,610039	1240	48	0,015096	0,074006
251	8,806683	2,404109	1240	91	0,013546	0,034707
252	9,378282	2,237226	1240	60	0,014362	0,050263
253	8,411217	2,251572	1240	107	0,012792	0,026954
254	8,970167	2,508533	1240	62	0,013592	0,055191
255	9,857279	2,668966	1240	27	0,014957	0,132308
256	9,315752	2,396721	1240	69	0,014206	0,044337
257	10,26468	2,403615	1240	37	0,015716	0,079365
258	11,2611	2,323529	1240	19	0,017325	0,176471
259	10,2685	2,4	1240	35	0,015721	0,080214

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
208	0,601172	0,210526	1,534338	0,582582	3,990551	2,063279	4190
209	0,584575	0,258065	1,650784	0,712838	4,062695	1,754716	4190
210	0,577469	0,297297	1,625524	0,623343	4,033016	1,707325	4190
211	0,576951	0,314286	1,627515	0,623549	4,029181	1,647146	4190
212	0,582601	0,302326	1,552889	0,57947	3,968614	1,751519	4190
213	0,602491	0,287671	1,428478	0,476492	3,908659	1,873094	4190
214	0,584179	0,311111	1,54702	0,561105	3,991257	1,713001	4190
215	0,568328	0,235294	1,769954	0,979635	4,131771	1,568706	4190
216	0,558647	0,230769	1,865438	1,127367	4,238876	1,47219	4190
217	0,562091	0,235294	1,795528	0,979635	4,165059	1,568706	4190
218	0,578825	0,296296	1,673633	0,720806	4,101578	1,608219	4190
219	0,584689	0,314286	1,597749	0,623549	4,054888	1,647146	4190
220	0,581868	0,226415	1,555615	0,58817	4,022079	2,008871	4190
221	0,603054	0,217822	1,376072	0,46359	3,879716	2,146553	4190
222	0,596016	0,190476	1,451746	0,573751	3,913611	2,157739	4190
223	0,623925	0,086957	1,731908	1,009105	4,289038	2,141243	4190
224	0,598367	0,284404	1,392318	0,412769	3,922269	1,949126	4190
225	0,585516	0,224719	1,489478	0,481178	3,995446	2,105641	4190
226	0,594616	0,227848	1,456777	0,501119	3,950391	2,102909	4190
227	0,609924	0,2	1,302704	0,651606	3,60261	2,040488	4190
228	0,61967	0,262626	1,366744	0,440194	3,870394	2,024261	4190
229	0,611477	0,4	1,445457	0,397196	3,947467	1,583262	4190
230	0,598845	0,311475	1,441579	0,494335	3,834945	1,798097	4190
231	0,598246	0,173333	1,392737	0,547248	3,805399	2,280469	4190
232	0,601526	0,275862	1,532975	0,717448	3,946716	1,683883	4190
233	0,606402	0,285714	1,514214	0,64953	3,98284	1,713735	4190
234	0,606402	0,285714	1,514214	0,64953	3,98284	1,713735	4190
235	0,610332	0,307692	1,301342	0,389552	3,814721	1,873013	4190
236	0,600509	0,191011	1,334148	0,502099	3,788537	2,226558	4190
237	0,587574	0,222222	1,429736	0,551251	3,868134	2,081285	4190
238	0,595926	0,202899	1,34945	0,545006	3,78175	2,133714	4190
239	0,60553	0,284211	1,317378	0,433746	3,793585	1,947912	4190
240	0,595797	0,337079	1,401227	0,411442	3,893419	1,760241	4190
241	0,597309	0,311828	1,395986	0,420263	3,894304	1,844804	4190
242	0,580179	0,211268	1,508659	0,53331	3,98974	2,112761	4190
243	0,595042	0,272727	1,403847	0,476623	3,876551	1,94716	4190
244	0,597715	0,232877	1,343476	0,513145	3,783377	2,040801	4190
245	0,630554	0,256685	1,139827	0,358381	3,57866	2,076368	4190
246	0,611941	0,173913	1,24663	0,467626	3,676233	2,334231	4190
247	0,604796	0,116883	1,269584	0,578756	3,644885	2,515424	4190
248	0,647	0,253112	1,044134	0,333432	3,431415	2,10584	4190
249	0,607765	0,191011	1,260046	0,502099	3,652044	2,229283	4190
250	0,606672	0,120879	1,213509	0,541174	3,54695	2,540254	4190
251	0,63187	0,214689	1,088888	0,385221	3,446658	2,230031	4190
252	0,609688	0,252174	1,1545	0,423324	3,451614	2,051966	4190
253	0,636697	0,282297	1,028307	0,33437	3,348171	2,003113	4190
254	0,613997	0,151261	1,092557	0,474775	3,349306	2,435988	4190
255	0,555181	0,122449	1,202294	0,689417	3,453245	2,363177	4190
256	0,577517	0,240602	1,141923	0,408956	3,46199	2,103398	4190
257	0,532612	0,275362	1,263295	0,49546	3,564221	1,896448	4190
258	0,50798	0,181818	1,392632	0,764012	3,657088	1,992868	4190
259	0,532457	0,307692	1,263714	0,484615	3,564231	1,79765	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
208	123	15878	75
209	71	16989	40
210	81	16748	46
211	79	16767	43
212	99	16055	53
213	192	14868	90
214	114	15999	55
215	38	18126	23
216	27	19037	18
217	34	18370	23
218	50	17207	34
219	74	16483	43
220	136	16081	69
221	260	14368	131
222	162	15090	84
223	51	17763	34
224	282	14523	134
225	230	15450	115
226	201	15138	102
227	109	13668	60
228	248	14279	124
229	179	15030	84
230	145	14993	74
231	186	14527	101
232	76	15865	37
233	96	15686	44
234	96	15686	44
235	304	13655	141
236	250	13968	118
237	183	14880	82
238	210	14114	91
239	258	13808	117
240	235	14608	105
241	241	14558	112
242	205	15633	93
243	211	14633	96
244	219	14057	94
245	493	12114	234
246	302	13133	154
247	221	13352	108
248	542	11201	302
249	256	13261	118
250	259	12817	127
251	438	11628	229
252	274	12254	145
253	477	11050	256
254	293	11663	162
255	145	12710	69
256	305	12134	169
257	166	13292	86
258	68	14526	45
259	160	13296	79

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice
							[Connectivity Wgt]
260	4199,4412	2461,2773	4288,3208	2479,2517	1245	5	18074,5
261	4274,8201	2417,4647	4275,9452	2488,2389	6	4	5936
262	4246,6937	2321,9759	4280,4454	2447,7965	1121	11	15998
263	4209,5668	2277,0399	4217,4422	2435,4391	5511	14	64418
264	4211,8169	2428,6987	4284,9456	2407,3542	112	3	4875
265	3361,0081	2605,7815	3793,0304	2439,5185	20307	92	241273
266	3383,9390	2635,9167	3793,0304	2515,9096	10830	76	159168
267	3658,0234	2475,4673	3709,7761	2640,6069	216	1	14707
268	3427,2042	2720,5835	3796,4056	2611,3985	7471	31	97031
269	3601,7705	2493,4417	3655,7733	2714,7512	5675	15	92884,5
270	3526,7633	2504,5421	3586,0197	2731,6022	10567	73	143929
271	3470,1387	2536,1308	3541,0174	2512,5394	4252	20	57298
272	3526,3916	2526,0202	3664,7738	2475,4673	269	5	12549
273	3650,1480	2413,6804	3654,6483	2499,0587	1017	12	19527
274	3604,0206	2415,9272	3737,9026	2417,0506	2982	26	36645
275	3588,2856	2432,0843	3624,2717	2405,8166	1405	7	17423,5
276	3527,5167	2388,9656	3557,8933	2484,4545	666	3	9121
277	3293,5046	2530,5138	3518,5162	2483,3311	27153	63	284937
278	3471,2638	2484,4545	3487,0146	2536,1308	3220	10	46895
279	3277,7538	2435,0249	3299,1299	2536,1308	17577	9	194105,5
280	3142,0701	2471,7597	3295,7547	2469,8503	17442	19	200447
281	3300,3924	2418,6953	3491,2696	2391,1298	7505	17	78453
282	3479,4384	2388,7671	3507,8333	2491,1531	18	1	4072
283	3445,6387	2312,0465	3482,5933	2495,0911	13438	31	126868
284	3388,7323	2503,7545	3413,1835	2595,1144	6651	18	71904,5
285	3402,1410	2572,2744	3481,0158	2542,3462	514	2	7059
286	3474,7058	2527,3821	3474,7058	2549,4344	134	4	4990
287	3514,9320	2523,4441	3586,7081	2450,9863	2562	31	27449
288	3576,4544	2466,7380	3597,7506	2419,4829	1092	9	14744
289	3498,3683	2520,2938	3518,0870	2602,9902	133	6	6591,5
290	3468,3959	2556,5227	3520,5544	2744,5251	4430	10	83053,5
291	3407,6622	2461,2249	3420,2822	2506,9048	1868	14	14802,5
292	3406,8735	2476,9766	3425,0147	2473,0387	0	0	1990,5
293	3320,1111	2379,3161	3388,9904	2653,9309	21967	133	235342
294	3717,6404	2457,2870	3754,7116	2579,3627	0	0	5616
295	3323,2662	2518,7186	3335,0974	2562,0358	84	0	4482
296	3328,7874	2555,7351	3370,5911	2549,4344	418	2	6846
297	3678,3195	2339,6120	3683,8408	2420,7332	30	3	4101
298	3650,7133	2360,0892	3746,9407	2339,6120	129	2	5066
299	3744,5744	2286,0562	3753,2506	2417,5829	81	4	6681
300	3722,4895	2419,1581	3758,7719	2407,3443	569	8	12176,5
301	3738,2644	2408,9195	3791,8993	2409,7071	832	16	16223,5
302	3612,8534	2292,3569	3621,5296	2420,7332	74655	81	804365
303	3557,6410	2381,3540	3640,4596	2376,6285	2038	8	21184,5
304	3218,0312	2357,9752	3619,1634	2294,7196	184244	172	1945763
305	3543,4435	2260,0659	3574,2047	2386,0795	2178	9	24798
306	3561,5848	2392,3802	3563,9510	2375,8409	651	5	7876
307	3523,7248	2394,7429	3567,1060	2386,8671	202	5	5321
308	3649,9858	2295,1715	3658,6620	2364,4790	1254	10	12768
309	3606,6046	2306,1977	3790,3830	2291,2336	146614	95	1587268
310	3452,0100	2190,4227	3556,9135	2278,6322	1592	19	16728
311	3522,9973	2252,6419	3538,7723	2217,9882	0	0	1951,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
260	139,5	0,002059056	0,06215193	0,001623332	0,0292398
261	77,5	0,000676232	0,0838291	7,82E-06	0,0727273
262	154	0,0018225	0,066609	0,001461651	0,0718954
263	430	0,007338532	0,086	0,00718569	0,037037
264	88	0,000555363	0,04888889	0,000146035	0,0285714
265	3744	0,02748594	0,06218804	0,02647792	0,027035
266	4310,5	0,0181325	0,07077938	0,01412103	0,0246673
267	486	0,001675429	0,01506603	0,000281638	0,0008503
268	2248	0,01105382	0,04282884	0,009741297	0,011796
269	1276	0,01058145	0,01844144	0,007399526	0,0052632
270	4148	0,01639647	0,05596897	0,01377811	0,0219813
271	834,5	0,006527418	0,0329679	0,005544103	0,020202
272	357	0,001429589	0,01516278	0,000350744	0,0058072
273	590,5	0,002224526	0,01967514	0,001326047	0,0106383
274	760	0,004174618	0,04166552	0,003888174	0,0301975
275	349	0,001984894	0,02943161	0,001831953	0,0117647
276	137	0,001039069	0,03167996	0,000868385	0,0220588
277	1705	0,03246017	0,06122522	0,03540429	0,0409091
278	379	0,005342303	0,02998299	0,004198498	0,0178253
279	316,5	0,0221126	0,03525284	0,02291832	0,0160428
280	384	0,02283503	0,07528674	0,0227423	0,0502646
281	823	0,008937406	0,03804549	0,009785629	0,0164251
282	117	0,000463884	0,01899197	2,35E-05	0,0030769
283	1172	0,01445287	0,05118351	0,01752156	0,0208754
284	669	0,008191397	0,02229071	0,008672114	0,0141177
285	107	0,000804165	0,01590369	0,000670195	0,0079051
286	106	0,000568463	0,02300347	0,00017472	0,0333333
287	646	0,003127004	0,02574936	0,003340544	0,03433
288	242	0,001679644	0,02736164	0,001423838	0,0326087
289	369	0,000750907	0,01470823	0,000173416	0,0060606
290	1236	0,009461498	0,01786334	0,005776194	0,0035088
291	189	0,001686308	0,03240741	0,00243565	0,0466667
292	12	0,000226759	0,01427722	0	0
293	3250,5	0,02681028	0,08596364	0,02864236	0,0726776
294	106,5	0,000639778	0,004400827	0	0
295	46	0,000510592	0,008187967	0,000109526	0
296	145	0,0007799	0,01306247	0,000545022	0,0040323
297	75	0,000467188	0,02596953	3,91E-05	0,025
298	80	0,000577121	0,05289256	0,000168201	0,030303
299	306	0,000761103	0,02648892	0,000105614	0,011396
300	270	0,001387153	0,02368317	0,000741908	0,0246154
301	582	0,00184819	0,01735216	0,001084829	0,011611
302	2167	0,09163368	0,06313735	0,09734125	0,0457627
303	281	0,002413349	0,03225436	0,00265731	0,0151515
304	3663	0,2216623	0,1326573	0,2402323	0,0826923
305	344	0,002825001	0,02939041	0,002839853	0,0109756
306	60	0,000897238	0,03224939	0,000848827	0,0641026
307	54	0,000606171	0,07479224	0,000263384	0,1388889
308	286	0,001454537	0,02576461	0,001635067	0,0307692
309	2750	0,1808224	0,05081254	0,1911673	0,0371675
310	305	0,001905662	0,04693752	0,002075779	0,046798
311	16,5	0,000222316	0,01220414	0	0

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
260	3	1,033333	0,3333333	3,985906	1,384918	17,62337
261	3	1,083333	0,375	3,997911	1,556642	14,896
262	4	1,533333	0,4	3,989916	1,490723	18,63318
263	4	1,233333	0,3076923	4,00571	1,38012	18,43879
264	2	0,5	0,25	4,01437	1,399397	14,17671
265	12	2,695635	0,3076923	4,006682	1,407119	7,657866
266	11	2,528968	0,3142857	4,003967	1,377541	7,633276
267	6	1,1921	0,2608696	4,047786	1,373144	7,629756
268	7	1,084524	0,25	3,979968	1,258327	7,497679
269	7	1,269023	0,21875	4,066847	1,291582	7,740776
270	8	1,219023	0,2162162	4,074996	1,326066	7,794639
271	5	1,708333	0,3125	3,966315	1,228797	6,311303
272	4	0,767857	0,2857143	3,951995	1,174241	6,219107
273	3	0,533333	0,1578947	3,919506	1,20288	6,039507
274	5	1,666667	0,3125	3,889979	1,271912	5,306126
275	3	0,866667	0,25	3,872872	1,170927	5,142573
276	2	0,75	0,2857143	3,968549	1,26861	5,801718
277	8	2,861111	0,32	3,944248	1,379681	5,474162
278	2	0,325	0,1428571	3,914127	1,202949	5,107356
279	3	0,875	0,2	3,946285	1,289955	5,314718
280	4	1,416667	0,3076923	3,930562	1,38012	5,426809
281	4	1,194444	0,25	3,910906	1,188878	5,306982
282	2	0,375	0,1818182	3,954008	1,245447	5,15358
283	4	0,958333	0,173913	3,912768	1,247873	4,887583
284	3	0,708333	0,1363636	3,932345	1,225042	6,056852
285	2	0,833333	0,3333333	3,942719	0,985025	5,632959
286	2	0,7	0,25	3,973586	1,368261	5,845146
287	4	1,325	0,25	3,960238	1,229452	6,248056
288	2	0,583333	0,25	3,87484	1,134242	4,966134
289	3	0,374242	0,15	4,03126	1,252043	7,267251
290	5	0,519023	0,1666667	4,062097	1,215083	7,613395
291	3	1,625	0,25	3,954217	1,363582	5,307522
292	1	0,333333	0,25	3,956439	1,119549	4,501569
293	9	2,749242	0,2727273	3,961445	1,447634	6,403801
294	3	0,299242	0,1666667	4,028263	1,238324	7,250797
295	2	0,625	0,2	3,950494	1,247908	5,133578
296	2	0,611111	0,1818182	3,968271	1,1307	5,900409
297	2	0,7	0,25	3,897124	1,368261	4,999113
298	2	1	0,4	3,885982	1,261944	5,335351
299	3	0,833333	0,3	3,875716	1,23126	5,866807
300	3	0,866667	0,3	3,875477	1,25465	5,871523
301	3	0,75	0,1875	3,94522	1,070618	7,022937
302	6	1,316667	0,2142857	3,841891	1,33821	5,235044
303	3	0,916667	0,25	3,864812	1,206585	5,135518
304	12	3,516667	0,3333333	3,849897	1,494203	4,886655
305	4	1,116667	0,2105263	3,878692	1,327146	4,858924
306	2	0,833333	0,3333333	3,877632	1,338623	4,865201
307	2	1	0,4	3,885339	1,428771	4,721561
308	2	0,666667	0,2222222	3,871856	1,15032	5,654429
309	6	1,616667	0,2307692	3,863281	1,210703	6,105336
310	5	2,116667	0,3846154	3,935117	1,385061	4,973083
311	1	0,2	0,1666667	3,938028	1,288753	4,359583

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
260	6,407767	0,7179565	1,425533	0,7179565	1,425533	0,3750123
261	4,8	0,6574507	1,305726	0,6574507	1,305726	0,371567
262	7,128713	0,7182808	1,536511	0,7182808	1,536511	0,3750301
263	9,142858	0,7263741	1,742694	0,7263741	1,742694	0,3754733
264	4,848485	0,6641785	1,25521	0,6641785	1,25521	0,3719622
265	27,77448	0,8810531	2,790253	0,8810531	2,790253	0,3832759
266	25,54122	0,882112	2,679709	0,882112	2,679709	0,3833254
267	15,02609	0,7971362	2,239627	0,7971362	2,239627	0,3791904
268	18,63965	0,8694117	2,429102	0,8694117	2,429102	0,3827279
269	19,34741	0,8678301	2,520605	0,8678301	2,520605	0,382653
270	21,9234	0,8690158	2,653563	0,8690158	2,653563	0,3827091
271	12	0,8508047	1,985714	0,8508047	1,985714	0,3818399
272	10,11138	0,8424657	1,880542	0,8424657	1,880542	0,381437
273	9,230769	0,8558418	2,030476	0,8558418	2,030476	0,3820818
274	11,86813	0,8474042	1,968692	0,8474042	1,968692	0,381676
275	8	0,8450025	1,729763	0,8450025	1,729763	0,3815599
276	4,756757	0,7681903	1,240976	0,7681903	1,240976	0,3777026
277	18,28572	0,8624954	2,362098	0,8624954	2,362098	0,3823996
278	6,264407	0,8397222	1,752022	0,8397222	1,752022	0,3813038
279	8,434505	0,8035815	1,820729	0,8035815	1,820729	0,3795159
280	9,142858	0,7714201	1,742694	0,7714201	1,742694	0,3778708
281	10,71906	0,8514881	1,964358	0,8514881	1,964358	0,3818728
282	5,818182	0,7761897	1,559287	0,7761897	1,559287	0,3781181
283	11,90977	0,8623394	2,193917	0,8623394	2,193917	0,3823922
284	9,473684	0,8642141	2,126104	0,8642141	2,126104	0,3824814
285	4,5	0,7776448	1,327473	0,7776448	1,327473	0,3781933
286	4,931507	0,7664624	1,272626	0,7664624	1,272626	0,3776124
287	10,62069	0,8471032	1,944752	0,8471032	1,944752	0,3816615
288	5,271318	0,8312358	1,416619	0,8312358	1,416619	0,3808895
289	9,210332	0,7940844	2,044118	0,7940844	2,044118	0,3790355
290	15,21241	0,8675144	2,435161	0,8675144	2,435161	0,382638
291	7,550562	0,7760634	1,632839	0,7760634	1,632839	0,3781116
292	2,461539	0,7050638	0,8704838	0,7050638	0,8704838	0,3742979
293	21,15595	0,8697287	2,626325	0,8697287	2,626325	0,3827429
294	9,024794	0,793754	1,974218	0,793754	1,974218	0,3790188
295	5,637584	0,775811	1,493193	0,775811	1,493193	0,3780985
296	5,966102	0,7816585	1,633896	0,7816585	1,633896	0,3784002
297	4,931507	0,7637016	1,272626	0,7637016	1,272626	0,3774679
298	3,555556	0,7656628	1,010281	0,7656628	1,010281	0,3775706
299	7,2	0,8494412	1,571762	0,8494412	1,571762	0,3817743
300	7,157895	0,8447033	1,559287	0,8447033	1,559287	0,3815455
301	9,029703	0,8642924	1,988741	0,8642924	1,988741	0,3824851
302	16,35398	0,9444589	2,390016	0,9444589	2,390016	0,3861646
303	7,93985	0,8474795	1,709399	0,8474795	1,709399	0,3816797
304	24,97738	0,951998	2,797169	0,951998	2,797169	0,3864979
305	10,9617	0,8536975	2,028795	0,8536975	2,028795	0,381979
306	4,173913	0,7644358	1,095291	0,7644358	1,095291	0,3775064
307	3,333333	0,7548199	0,9166667	0,7548199	0,9166667	0,3770004
308	5,538462	0,8491388	1,485036	0,8491388	1,485036	0,3817597
309	16,62684	0,9539016	2,362845	0,9539016	2,362845	0,3865817
310	9,958159	0,7794873	1,791491	0,7794873	1,791491	0,3782884
311	2,871795	0,7078887	1,010281	0,7078887	1,010281	0,3744553

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
260	0,4384883	0,371954	1,065321	90,67889	11,72558	2,421053
261	0,4633142	0,341631	1,698155	70,78306	12,71267	2,090909
262	0,4517969	0,372496	1,287442	130,269	11,72074	2,277778
263	0,446726	0,378185	1,026243	158,5949	11,60129	2,428571
264	0,4334107	0,346548	1,119518	76,1801	12,59403	2,4
265	0,4635148	0,458837	1,027808	462,9111	9,740113	2,39759
266	0,4607945	0,459077	0,983958	426,3303	9,729621	2,43038
267	0,4555967	0,41939	0,995032	173,0591	10,66021	2,428571
268	0,4531808	0,449755	0,838885	385,0078	9,857142	2,534247
269	0,4557968	0,458737	0,880105	227,803	9,873285	2,5
270	0,4589511	0,460284	0,924903	234,6649	9,861178	2,463415
271	0,4453565	0,438619	0,819198	74,70168	10,05085	2,555556
272	0,4415985	0,432751	0,765036	147,3269	10,14044	2,595238
273	0,4458782	0,436009	0,796502	85,49683	9,997579	2,5625
274	0,4464627	0,428457	0,868131	133,8866	10,08717	2,523809
275	0,4380189	0,425364	0,766425	44,55322	10,11299	2,6
276	0,4254921	0,396248	0,913399	100,2041	11,02421	2,529412
277	0,4572466	0,442172	0,995466	229,9053	9,928168	2,428571
278	0,4403338	0,427209	0,809677	54,02345	10,1703	2,558824
279	0,4446417	0,412179	0,902969	103,3409	10,58273	2,5
280	0,446726	0,394105	1,026243	153,6965	10,98224	2,428571
281	0,4436195	0,432839	0,776073	192,8573	10,04358	2,586957
282	0,4362945	0,398907	0,862233	106,2505	10,9209	2,538461
283	0,4501409	0,438564	0,841938	186,7377	9,929782	2,527273
284	0,4489654	0,441716	0,827301	94,57529	9,910412	2,529412
285	0,421863	0,398514	0,622121	84,36197	10,90234	2,695652
286	0,4318379	0,395858	1,057293	22,05238	11,04681	2,4375
287	0,4444641	0,436041	0,819634	101,9899	10,0904	2,55814
288	0,4279298	0,418646	0,746212	51,83216	10,26392	2,625
289	0,448416	0,416078	0,859612	85,01488	10,69734	2,511111
290	0,452502	0,458034	0,79967	195,1036	9,876513	2,552632
291	0,4434264	0,398864	1,012947	47,39114	10,92252	2,44
292	0,3983199	0,362574	0,79027	18,56372	11,92171	2,636364
293	0,4658541	0,447825	1,121916	283,1213	9,853914	2,327869
294	0,4460594	0,415596	0,83825	127,5804	10,70137	2,534884
295	0,4341686	0,398358	0,866603	44,90385	10,92575	2,541667
296	0,4345451	0,403167	0,73163	42,27581	10,85149	2,625
297	0,4318379	0,386842	1,057293	81,30894	11,08313	2,4375
298	0,4148074	0,386727	0,965016	98,38199	11,0573	2,5
299	0,435846	0,427913	0,84086	131,8126	10,06538	2,555556
300	0,4362945	0,4255	0,868604	38,15729	10,11622	2,538461
301	0,4412493	0,443203	0,664521	53,64068	9,909604	2,660377
302	0,4565183	0,471631	0,949195	128,6692	9,15335	2,45
303	0,4385627	0,425723	0,80439	82,95327	10,08636	2,575758
304	0,4705853	0,476387	1,202652	406,0891	9,088781	2,276923
305	0,4504847	0,430387	0,944748	129,7138	10,02018	2,463415
306	0,4219661	0,385278	1,041152	16,7077	11,07345	2,461539
307	0,4184144	0,381187	1,298883	44,0903	11,20178	2,333333
308	0,4305993	0,427334	0,757528	69,84844	10,0686	2,615385
309	0,4508494	0,478999	0,789119	184,3866	9,072639	2,569444
310	0,4486522	0,398688	1,038796	137,0608	10,87893	2,413793
311	0,4148074	0,362333	0,985517	38,07534	11,87813	2,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth [Connectivity Wgt]	Mean Depth R3 [Connectivity Wgt]	Node Count	Node Count R3	RA RA	RA R3 RA R3
260	11,26325	2,238806	1240	20	0,017327	0,157895
261	12,25107	2,046512	1240	12	0,018922	0,218182
262	11,25823	2,147059	1240	19	0,017319	0,150327
263	11,17184	2,25	1240	29	0,017126	0,10582
264	12,16539	2,333333	1240	16	0,01873	0,2
265	9,2358	2,149856	1240	84	0,01412	0,034088
266	9,21957	2,206304	1240	80	0,014103	0,036676
267	10,14511	2,26378	1240	50	0,015606	0,059524
268	9,345107	2,271605	1240	74	0,014309	0,042618
269	9,246778	2,322581	1240	77	0,014335	0,04
270	9,236515	2,283117	1240	83	0,014315	0,036134
271	9,498568	2,457778	1240	46	0,014622	0,070707
272	9,582339	2,414747	1240	43	0,014766	0,077816
273	9,557756	2,473469	1240	49	0,014536	0,066489
274	9,711456	2,471204	1240	43	0,01468	0,074332
275	9,737709	2,525974	1240	36	0,014722	0,094118
276	10,48449	2,623656	1240	18	0,016194	0,191177
277	9,546062	2,364407	1240	57	0,014424	0,051948
278	9,692124	2,528302	1240	35	0,014815	0,094474
279	10,15752	2,462687	1240	35	0,015481	0,090909
280	10,47494	2,366337	1240	29	0,016126	0,10582
281	9,659904	2,480769	1240	47	0,01461	0,070531
282	10,53986	2,468468	1240	27	0,016027	0,123077
283	9,598091	2,383178	1240	56	0,014426	0,056566
284	9,471838	2,44898	1240	52	0,014395	0,061176
285	10,46468	2,646552	1240	24	0,015997	0,15415
286	10,49523	2,583333	1240	17	0,016231	0,191667
287	9,539379	2,495536	1240	44	0,014686	0,074197
288	9,789976	2,654135	1240	25	0,014966	0,141304
289	10,18783	2,357143	1240	46	0,015666	0,068687
290	9,250597	2,365591	1240	77	0,01434	0,041404
291	10,54224	2,462963	1240	26	0,01603	0,12
292	11,54177	2,536585	1240	12	0,017644	0,327273
293	9,411933	2,218182	1240	62	0,014304	0,044262
294	10,18926	2,345454	1240	44	0,015673	0,07309
295	10,54415	2,509434	1240	25	0,016035	0,134058
296	10,41002	2,503356	1240	33	0,015915	0,104839
297	10,70859	2,513158	1240	17	0,016289	0,191667
298	10,62697	2,545455	1240	13	0,016248	0,272727
299	9,633174	2,565789	1240	28	0,014645	0,119658
300	9,670883	2,582782	1240	27	0,014727	0,123077
301	9,402387	2,494209	1240	54	0,014394	0,063861
302	8,779952	2,389313	1240	61	0,013172	0,049153
303	9,724583	2,44697	1240	34	0,014679	0,098485
304	8,757279	2,106383	1240	66	0,013068	0,039904
305	9,700954	2,287582	1240	42	0,014572	0,073171
306	10,71098	2,540984	1240	14	0,016274	0,24359
307	10,73938	2,447368	1240	10	0,016481	0,333333
308	9,637947	2,644295	1240	27	0,01465	0,129231
309	8,640812	2,422493	1240	73	0,013041	0,04421
310	10,5864	2,298246	1240	30	0,01596	0,100985
311	11,58592	2,423077	1240	13	0,017574	0,272727

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
260	0,507906	0,228571	1,392842	0,701492	3,659207	1,882904	4190
261	0,485773	0,368421	1,521027	0,765858	3,76033	1,339381	4190
262	0,508128	0,30303	1,392213	0,650825	3,661135	1,672421	4190
263	0,513609	0,245283	1,376701	0,573824	3,667012	1,939134	4190
264	0,490982	0,222222	1,505619	0,79668	3,759669	1,793915	4190
265	0,616279	0,288344	1,135005	0,35839	3,468341	1,962831	4190
266	0,616739	0,270968	1,133643	0,373175	3,46987	2,016799	4190
267	0,593389	0,263158	1,254491	0,446503	3,58794	1,984199	4190
268	0,611141	0,216783	1,150203	0,411675	3,467009	2,195085	4190
269	0,626512	0,234899	1,152299	0,39673	3,533854	2,133555	4190
270	0,627021	0,254658	1,150727	0,376852	3,541183	2,074579	4190
271	0,634127	0,195402	1,175358	0,503597	3,440565	2,221295	4190
272	0,630506	0,17284	1,186992	0,531762	3,449508	2,29168	4190
273	0,62128	0,193548	1,16844	0,492495	3,41015	2,229446	4190
274	0,632659	0,209877	1,180074	0,507951	3,40761	2,152298	4190
275	0,631615	0,164179	1,183428	0,578114	3,399831	2,277064	4190
276	0,610206	0,16129	1,301761	0,805817	3,537691	2,045925	4190
277	0,639087	0,266055	1,159426	0,423353	3,425511	1,997804	4190
278	0,643411	0,184615	1,19087	0,570769	3,424784	2,195857	4190
279	0,627374	0,215385	1,244429	0,549231	3,489003	2,078902	4190
280	0,626062	0,245283	1,296311	0,573824	3,543581	1,939134	4190
281	0,634421	0,179775	1,174415	0,509072	3,414239	2,273098	4190
282	0,614223	0,183674	1,288345	0,641319	3,528058	2,118223	4190
283	0,652763	0,214953	1,159636	0,455806	3,417304	2,171441	4190
284	0,624949	0,212121	1,157121	0,470344	3,406654	2,183227	4190
285	0,599706	0,093023	1,285934	0,753311	3,512572	2,480878	4190
286	0,609327	0,206897	1,304695	0,785777	3,541453	1,865005	4190
287	0,632529	0,192771	1,180494	0,514204	3,44472	2,208822	4190
288	0,63977	0,133333	1,203028	0,705906	3,420048	2,287109	4190
289	0,591826	0,218391	1,259312	0,489209	3,568924	2,137249	4190
290	0,626376	0,208054	1,152719	0,410651	3,532587	2,237408	4190
291	0,614161	0,234043	1,288554	0,61243	3,527857	1,938962	4190
292	0,590869	0,052632	1,418311	1,148786	3,62934	2,159115	4190
293	0,627327	0,319328	1,149784	0,38076	3,428729	1,844089	4190
294	0,591656	0,204819	1,259836	0,50653	3,566543	2,168405	4190
295	0,614035	0,177778	1,288974	0,669706	3,525854	2,111498	4190
296	0,601762	0,147541	1,279331	0,612034	3,524111	2,313392	4190
297	0,607915	0,206897	1,309412	0,785777	3,519497	1,865005	4190
298	0,593442	0,142857	1,306058	0,989823	3,510497	1,981582	4190
299	0,618426	0,176471	1,177245	0,636229	3,394737	2,169545	4190
300	0,616286	0,183674	1,183848	0,641319	3,39873	2,130686	4190
301	0,608837	0,145631	1,157016	0,502831	3,443377	2,437254	4190
302	0,656815	0,25641	1,058807	0,418407	3,272981	2,03733	4190
303	0,632692	0,174603	1,17997	0,585001	3,390883	2,220427	4190
304	0,673018	0,346457	1,050422	0,357504	3,27927	1,771549	4190
305	0,649248	0,240506	1,171375	0,492903	3,396773	2,033015	4190
306	0,608292	0,173913	1,308154	0,913	3,51014	1,886684	4190
307	0,617838	0,2	1,324819	1,090909	3,529701	1,626499	4190
308	0,618291	0,142857	1,177664	0,673385	3,393882	2,271073	4190
309	0,645583	0,198582	1,048326	0,423219	3,279037	2,262547	4190
310	0,629932	0,254546	1,282895	0,558194	3,51967	1,941927	4190
311	0,606895	0,142857	1,412651	0,989823	3,622274	1,909776	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
260	67	14528	46
261	43	15751	23
262	68	14522	41
263	100	14374	68
264	60	15604	36
265	347	12068	199
266	349	12055	192
267	254	13208	119
268	324	12213	185
269	372	12233	190
270	385	12218	202
271	225	12453	115
272	217	12564	109
273	245	12387	123
274	191	12498	106
275	154	12530	91
276	93	13659	43
277	236	12301	136
278	159	12601	87
279	134	13112	85
280	101	13607	68
281	208	12444	119
282	111	13531	66
283	214	12303	139
284	245	12279	129
285	116	13508	62
286	96	13687	39
287	224	12502	110
288	133	12717	63
289	224	13254	113
290	372	12237	194
291	108	13533	61
292	41	14771	29
293	275	12209	142
294	220	13259	109
295	106	13537	61
296	149	13445	84
297	76	13732	39
298	55	13700	30
299	152	12471	69
300	151	12534	66
301	259	12278	141
302	262	11341	147
303	132	12497	85
304	235	11261	148
305	153	12415	101
306	61	13720	32
307	38	13879	21
308	149	12475	68
309	329	11241	185
310	114	13479	70
311	52	14717	30

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
312	3538,7723	2267,6060	3561,6460	2255,0047	0	0	3915
313	3457,5312	2325,8873	3458,3199	2136,8669	38936	23	404664
314	3440,1787	2088,8242	3466,9961	2213,2626	35253	38	362807
315	3455,1649	2188,0599	3510,3773	2190,4227	2269	6	17553,5
316	3504,0673	2186,4848	3511,9548	2209,3247	1133	3	7814
317	3506,4336	2201,4489	3530,8848	2202,2365	0	0	1948
318	3181,9564	2126,2744	3313,6774	2118,3986	28379	6	263520
319	3293,1700	2124,6992	3349,1711	2088,4703	23964	10	223901
320	3334,1849	2092,4083	3460,9967	2094,8470	23908	14	223050,5
321	3297,1137	2229,4481	3345,2273	2227,8729	902	5	13611,5
322	3331,0299	2231,8108	3375,1998	2180,6178	82	3	4527
323	3356,2698	2193,2192	3454,0746	2142,8137	322	8	5748
324	3178,1779	2094,7384	3280,1312	2094,7384	954	4	13785
325	3263,3389	2089,9477	3325,7103	2112,7036	78	6	6228
326	3180,5768	2063,5987	3212,9620	2264,8090	111130	47	1041666
327	3076,2247	2307,9255	3217,7598	2258,8206	175701	42	1894207
328	3595,1683	2712,9110	3618,3735	2803,6638	2339	14	32021
329	3548,7580	2816,5365	3623,5302	2795,9401	1279	8	17643
330	3599,0359	2796,5838	3622,2410	2919,5184	890	13	19320,5
331	3553,9148	2809,4565	3569,3848	2886,6929	139	5	5958
332	3458,3422	2907,6804	3619,6627	2866,0965	33404	36	461735,5
333	3501,0586	2732,8638	3545,8880	2952,4621	86151	144	1079125
334	3440,4674	2830,6965	3528,1313	2824,9038	2176	17	25695
335	3491,3898	2800,4456	3499,1248	2831,9838	1	1	3895
336	3456,5820	2817,1802	3518,4624	2795,2965	1408	16	21047
337	3459,8050	2833,2711	3461,7387	2810,1002	2	4	5846
338	3474,6305	2862,2347	3477,8534	2821,6856	467	5	9603
339	3429,5094	2856,4420	3479,7872	2849,3620	2442	31	38000
340	3441,1120	2809,4565	3444,3349	2834,5583	14	1	4126
341	3412,1055	2813,9620	3443,8794	2704,7158	7352	45	93943
342	3414,0393	2801,7329	3423,7081	2847,4311	867	19	19258
343	3417,2622	2838,4202	3444,3349	2860,3038	643	11	17692,5
344	3542,9568	2725,7837	3566,1619	2816,5365	1207	4	14921
345	3716,9954	2683,3037	3727,3088	2750,2419	978	9	10057
346	3603,5480	2771,4820	3652,5366	2772,7692	1145	14	20618,5
347	3630,6207	2773,4129	3734,3992	2743,1619	20	4	4062
348	3767,9178	2679,4419	3795,6350	2873,1765	38619	57	449758,5
349	3787,9000	2864,8093	3792,4121	2909,8638	1071	9	11082
350	3859,4492	2861,5911	3904,5703	2819,7547	899	17	18917
351	3876,2085	2838,4202	3898,2250	2931,4153	770	5	9865
352	3895,0021	2904,3825	3900,1588	2988,6989	57	7	4496
353	3924,0085	2954,5862	4088,3783	2908,2444	67	20	13631
354	3982,0214	2907,6007	4103,8484	2924,3353	352	25	16854
355	3919,4964	3026,0299	3987,8227	3008,6517	711	3	14255,5
356	3975,5755	2935,2771	3980,0876	3020,8808	477	12	18677
357	3960,1054	3013,8008	4114,1618	3009,2953	278	21	12600
358	4085,8000	3062,0735	4109,6497	2858,0407	9629	136	143112
359	3965,9067	2969,3899	4117,3848	2973,8953	412	11	17490
360	3496,4124	2929,2063	3506,6227	2997,5142	0	0	1517,5
361	3357,5528	2885,3669	3446,3821	2871,0936	21	3	4389
362	3438,6962	2908,9882	3443,9352	2851,2271	285	15	9822
363	3434,7670	2900,2695	3475,5870	2909,2061	870	13	15119,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
312	39	0,000445999	0,009018384	0	0
313	712,5	0,04609953	0,04873294	0,05076792	0,0222222
314	914	0,04133116	0,08459438	0,04596573	0,048718
315	148	0,001999704	0,02446281	0,002958507	0,015873
316	42	0,000890175	0,04148148	0,001477298	0,0666667
317	7	0,000221917	0,04844291	0	0
318	260,5	0,03002034	0,0415338	0,03700285	0,017094
319	291	0,02550692	0,07028136	0,03124621	0,0395257
320	404,5	0,02541003	0,06117202	0,03117319	0,0301075
321	210	0,001550629	0,05423554	0,001176101	0,021645
322	103	0,000515718	0,05190224	0,000106918	0,032967
323	137	0,000654815	0,04176193	0,00041985	0,0421053
324	141	0,001570394	0,0299713	0,001243903	0,0158103
325	104	0,000709497	0,05240615	0,000101703	0,05
326	1180	0,1186671	0,06019794	0,1449003	0,0316498
327	1647	0,215789	0,04355703	0,2290932	0,0272727
328	610	0,003647849	0,01491515	0,003049778	0,0090909
329	386	0,0020099	0,03883104	0,001667664	0,022792
330	353	0,002201001	0,03654055	0,001160454	0,027957
331	257	0,000678739	0,04097576	0,00018124	0,021645
332	1070	0,05260115	0,02892517	0,04355485	0,0178571
333	5582	0,1229345	0,07047801	0,1123307	0,0376176
334	692	0,002927188	0,03108645	0,002837246	0,0179704
335	97	0,00044372	0,02623039	1,30E-06	0,0095238
336	751	0,002397685	0,03075285	0,001835865	0,0141844
337	306,5	0,000665979	0,0432879	2,61E-06	0,0133333
338	182	0,001093979	0,0257044	0,000608913	0,0181159
339	588	0,00432898	0,0362963	0,003184078	0,0299517
340	137	0,000470036	0,01934892	1,83E-05	0,0033333
341	2352	0,01070204	0,06549343	0,009586135	0,030303
342	621	0,002193881	0,03919959	0,001130465	0,0285285
343	409,5	0,002015539	0,04427984	0,000838396	0,0236559
344	189	0,001699808	0,005034898	0,001573785	0,0029028
345	216	0,001145699	0,005754169	0,001275196	0,0067873
346	318,5	0,00234887	0,03071952	0,001492944	0,0321839
347	131	0,000462745	0,01881643	2,61E-05	0,0190476
348	1598,5	0,05123672	0,0283181	0,05035459	0,025022
349	111	0,001262467	0,02740741	0,001396457	0,0526316
350	479	0,002155034	0,02681896	0,001172189	0,0255255
351	172,5	0,001123826	0,01596557	0,001003989	0,0153846
352	225	0,000512187	0,01388889	7,43E-05	0,0105105
353	1206	0,001552851	0,05911185	8,74E-05	0,03003
354	1573,5	0,001920016	0,0600103	0,000458966	0,029036
355	319,5	0,001623994	0,01715482	0,00092706	0,005042
356	607	0,002127694	0,03160142	0,000621951	0,0170697
357	813	0,001435398	0,03517577	0,000362479	0,0269231
358	4700	0,01630339	0,1051442	0,01255507	0,0794857
359	995	0,00199247	0,03794741	0,000537199	0,0127758
360	28,5	0,000172874	0,003648	0	0
361	216	0,000499997	0,0432	2,74E-05	0,0108696
362	342	0,001118927	0,05551497	0,000371606	0,0592885
363	299,5	0,001722421	0,01848765	0,001134377	0,0137421

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
312	2	0,45	0,25	3,907515	1,160187	4,678785
313	5	1,783333	0,2173913	3,89808	1,369691	4,916782
314	6	1,766667	0,3333333	3,95859	1,382845	5,051671
315	3	0,866667	0,2727273	3,929365	1,260636	4,864054
316	2	1,333333	0,4	3,933314	1,371322	4,509528
317	1	0,5	0,3333333	3,934927	1,457542	3,802477
318	3	0,616667	0,2307692	3,932378	1,353965	4,636095
319	4	1,2	0,3636364	3,95193	1,409944	4,742058
320	3	0,616667	0,2142857	3,969844	1,311474	4,864462
321	3	1,166667	0,3333333	3,892861	1,297864	4,791645
322	2	0,833333	0,3333333	3,94525	1,29415	4,665939
323	2	0,666667	0,2222222	3,968433	1,300811	4,810495
324	2	0,5	0,2	3,912031	1,27082	4,49747
325	3	0,95	0,3333333	3,965405	1,47264	4,64885
326	6	2,17619	0,2857143	3,893418	1,269051	4,674642
327	5	1,559524	0,2272727	3,797239	1,254514	4,531101
328	3	0,660256	0,15	4,027396	1,142758	7,276641
329	4	1,666667	0,4444444	4,037179	1,181713	7,196611
330	3	0,592857	0,2	4,109569	1,334516	7,471617
331	2	0,45	0,2222222	4,088278	1,24807	7,000658
332	5	1,433333	0,25	4,075936	1,129008	7,645017
333	6	0,99478	0,1538462	4,045112	1,260247	7,653077
334	5	2	0,3846154	4,068718	1,119565	7,552704
335	2	0,45	0,25	4,083311	1,399397	6,902917
336	4	1,166667	0,2857143	4,072847	1,090854	7,517753
337	3	0,616667	0,2727273	4,103486	1,326972	7,408837
338	2	0,45	0,2	4,094575	1,247908	7,051012
339	4	1,183333	0,2352941	4,165425	1,218826	7,839144
340	2	0,366667	0,1818182	4,102201	1,265678	7,128164
341	6	1,120635	0,24	4,023824	1,343857	7,631
342	4	0,777778	0,2105263	4,04548	1,372624	7,53949
343	3	0,75	0,2727273	4,090079	1,198593	7,380377
344	2	0,326923	0,1176471	4,020034	1,054746	6,936928
345	2	0,576923	0,125	4,018146	1,037667	6,927185
346	3	1,033333	0,2727273	4,060035	1,21874	7,283659
347	2	0,833333	0,3333333	4,042336	1,040599	6,632305
348	3	0,610256	0,1363636	4,042912	1,079717	7,300426
349	2	0,7	0,25	4,142752	1,274372	7,026496
350	4	1,033333	0,3076923	4,190786	1,21255	7,748034
351	3	0,95	0,3	4,165965	1,25465	7,451562
352	2	0,433333	0,1428571	4,249997	1,160012	7,470596
353	7	0,967857	0,3181818	4,268599	1,50576	8,250651
354	5	0,619048	0,2272727	4,278883	1,396624	8,180267
355	3	0,527778	0,2	4,259746	1,275002	7,820939
356	6	1,117857	0,3529412	4,348594	1,384839	8,342136
357	4	0,722222	0,2222222	4,351984	1,32084	8,240778
358	9	1,991667	0,2903226	4,300688	1,447618	8,437904
359	6	0,767857	0,2608696	4,280415	1,440809	8,252318
360	1	0,125	0,1111111	4,096872	1,070998	6,278858
361	2	0,583333	0,25	4,144773	1,134242	7,121426
362	4	1,416667	0,4	4,14383	1,355897	7,563797
363	3	0,55	0,1764706	4,11011	1,203889	7,514044

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
312	5,245902	0,7739231	1,399228	0,7739231	1,399228	0,3780007
313	13,31158	0,8596976	2,206125	0,8596976	2,206125	0,3822662
314	13,28665	0,7950107	2,061288	0,7950107	2,061288	0,3790826
315	7,522388	0,7788509	1,621111	0,7788509	1,621111	0,3782556
316	3,428571	0,7074687	0,947875	0,7074687	0,947875	0,374432
317	1,6	0,6479845	0,4223924	0,6479845	0,4223924	0,3710054
318	7,826087	0,8110272	1,692666	0,8110272	1,692666	0,3798893
319	8,103896	0,7731705	1,617858	0,7731705	1,617858	0,3779617
320	8,181818	0,7706101	1,762609	0,7706101	1,762609	0,3778286
321	6,614173	0,769864	1,46529	0,769864	1,46529	0,3777898
322	4,235294	0,708888	1,120834	0,708888	1,120834	0,3745109
323	5,333333	0,7212128	1,390353	0,7212128	1,390353	0,3751911
324	5,6	0,8051413	1,479184	0,8051413	1,479184	0,3795943
325	6,075949	0,7395492	1,393829	0,7395492	1,393829	0,3761863
326	15	0,8924258	2,193917	0,8924258	2,193917	0,3838057
327	13,74233	0,9589832	2,1973	0,9589832	2,1973	0,3868048
328	9,459388	0,8551514	2,099642	0,8551514	2,099642	0,3820487
329	7,238095	0,8134474	1,571762	0,8134474	1,571762	0,3800101
330	8,280443	0,7968034	1,801778	0,7968034	1,801778	0,3791735
331	5,419355	0,7943488	1,422193	0,7943488	1,422193	0,379049
332	13,62162	0,8848937	2,18532	0,8848937	2,18532	0,3834554
333	18,35564	0,9118727	2,652516	0,9118727	2,652516	0,3846996
334	10,69212	0,8169998	1,896242	0,8169998	1,896242	0,3801869
335	4,848485	0,7396638	1,25521	0,7396638	1,25521	0,3761925
336	10,26477	0,8176299	1,927667	0,8176299	1,927667	0,3802182
337	7,368421	0,7412153	1,588708	0,7412153	1,588708	0,3762758
338	5,637584	0,7949445	1,493193	0,7949445	1,493193	0,3790792
339	10,90909	0,7929624	1,991641	0,7929624	1,991641	0,3789785
340	5,783133	0,7411578	1,5469	0,7411578	1,5469	0,3762727
341	15,71831	0,8397222	2,303613	0,8397222	2,303613	0,3813038
342	10,69347	0,8052772	2,019321	0,8052772	2,019321	0,3796012
343	7,636364	0,7873349	1,654694	0,7873349	1,654694	0,3786914
344	6,683871	0,8523248	1,988741	0,8523248	1,988741	0,381913
345	6,623064	0,8530869	1,958725	0,8530869	1,958725	0,3819497
346	7,60181	0,793358	1,643455	0,793358	1,643455	0,3789986
347	4,465117	0,771857	1,285714	0,771857	1,285714	0,3778935
348	9,752161	0,8723529	2,205091	0,8723529	2,205091	0,3828669
349	5,106383	0,7344257	1,32722	0,7344257	1,32722	0,3759102
350	9,638555	0,7467849	1,810426	0,7467849	1,810426	0,3765737
351	7,157895	0,7404675	1,559287	0,7404675	1,559287	0,3762357
352	6,323353	0,7058463	1,779741	0,7058463	1,779741	0,3743416
353	14,45161	0,7017449	2,282711	0,7017449	2,282711	0,3741124
354	12,89827	0,702727	2,17235	0,702727	2,17235	0,3741674
355	8,477064	0,7010745	1,827674	0,7010745	1,827674	0,3740748
356	12,81553	0,6769493	2,020944	0,6769493	2,020944	0,3727037
357	10,7991	0,663209	1,991413	0,663209	1,991413	0,3719054
358	20,70255	0,7089934	2,57157	0,7089934	2,57157	0,3745168
359	14,32836	0,7028305	2,249934	0,7028305	2,249934	0,3741732
360	3,337748	0,7956737	1,4505	0,7956737	1,4505	0,3791162
361	5,271318	0,724829	1,416619	0,724829	1,416619	0,375389
362	7,671233	0,7551186	1,568832	0,7551186	1,568832	0,3770162
363	8,969199	0,8333412	1,951206	0,8333412	1,951206	0,3809926

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
312	0,4280134	0,393066	0,773458	26,11513	10,94996	2,608696
313	0,4559546	0,435579	1,005867	189,0221	9,957224	2,413043
314	0,4530689	0,409054	1,01244	127,2953	10,68604	2,425
315	0,4381363	0,397781	0,870439	55,26294	10,88701	2,535714
316	0,4162897	0,361684	1,160349	24,16353	11,88458	2,4
317	0,3413031	0,331407	1,821928	24,46388	12,88378	2,25
318	0,4446625	0,414533	0,997658	131,9562	10,49475	2,444444
319	0,4459432	0,397147	1,091569	66,69828	10,95965	2,391304
320	0,4441781	0,397626	0,932604	126,8352	10,99274	2,483871
321	0,4353662	0,389537	0,93284	48,13943	11,00242	2,5
322	0,42124	0,363509	0,970613	67,6144	11,86279	2,5
323	0,4328533	0,372003	0,941966	110,0295	11,67716	2,5
324	0,4347032	0,409395	0,89705	101,9532	10,56417	2,521739
325	0,4447414	0,381171	1,251744	66,39295	11,41243	2,3125
326	0,4501409	0,451622	0,856227	203,7999	9,628733	2,527273
327	0,4498227	0,473319	0,841262	149,8114	9,029862	2,535714
328	0,4452781	0,447649	0,731878	93,67255	10,00484	2,607143
329	0,435846	0,42685	0,807023	77,55697	10,46651	2,555556
330	0,4467427	0,425613	0,970557	125,1055	10,66425	2,451613
331	0,4316805	0,422104	0,869867	78,77046	10,69411	2,545455
332	0,4460364	0,468803	0,712481	166,5938	9,702179	2,625
333	0,45731	0,479444	0,856198	224,1275	9,444714	2,5
334	0,4411779	0,432064	0,71972	87,85508	10,42534	2,613636
335	0,4334107	0,392565	1,119518	32,47289	11,41082	2,4
336	0,440576	0,432836	0,68528	65,63596	10,41808	2,645833
337	0,4400618	0,395332	0,958368	23,25146	11,38902	2,48
338	0,4341686	0,423071	0,866603	40,67699	10,68684	2,541667
339	0,4450502	0,429318	0,806828	50,77386	10,71106	2,565217
340	0,4368355	0,395178	0,889396	25,30789	11,38983	2,52
341	0,4551529	0,439182	0,952608	113,7731	10,1703	2,454545
342	0,4534672	0,423432	1,02274	46,70987	10,56255	2,405406
343	0,4369674	0,418561	0,799062	34,81126	10,78047	2,580645
344	0,4412493	0,445354	0,65467	93,67254	10,03471	2,660377
345	0,4402045	0,445542	0,639493	67,72807	10,02663	2,673077
346	0,4372944	0,418665	0,821325	49,00555	10,70621	2,566667
347	0,4212994	0,405542	0,673329	108,0977	10,97659	2,666667
348	0,445554	0,458414	0,671175	195,7073	9,82728	2,647059
349	0,4291829	0,395459	0,910266	45,27994	11,48507	2,526316
350	0,4412719	0,406777	0,808367	61,53209	11,31154	2,567568
351	0,4362945	0,400947	0,868604	95,5658	11,39952	2,538461
352	0,439422	0,389908	0,760008	84,47395	11,9096	2,594594
353	0,4679883	0,389339	1,27153	170,7776	11,97337	2,243243
354	0,4572866	0,390823	1,053593	122,971	11,95803	2,380952
355	0,4440933	0,38816	0,882694	70,50163	11,98386	2,514286
356	0,4526112	0,38262	1,019033	85,72251	12,3753	2,421053
357	0,449237	0,375145	0,933697	154,1223	12,61098	2,475
358	0,4646403	0,396318	1,113553	205,422	11,86118	2,338983
359	0,461273	0,391021	1,126451	151,545	11,95642	2,333333
360	0,4279054	0,423697	0,688499	69,06675	10,67797	2,653846
361	0,4279298	0,390482	0,746212	89,96872	11,62389	2,625
362	0,4420186	0,406708	1,016923	57,99821	11,19774	2,434783
363	0,4441551	0,44519	0,796691	41,78673	10,24052	2,568182

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
312	10,64368	2,451613	1240	24	0,016074	0,146245
313	9,64988	2,25731	1240	47	0,01447	0,062802
314	10,43413	2,285714	1240	41	0,015648	0,073077
315	10,59356	2,418182	1240	29	0,015973	0,113757
316	11,59212	2,444444	1240	11	0,017584	0,311111
317	12,59165	2,411765	1240	5	0,019198	0,833333
318	10,2401	2,383929	1240	28	0,015339	0,111111
319	10,72673	2,285714	1240	24	0,01609	0,126482
320	10,77613	2,321739	1240	32	0,016143	0,098925
321	10,6852	2,409091	1240	23	0,016159	0,142857
322	11,57208	2,523809	1240	15	0,017549	0,230769
323	11,42697	2,432099	1240	21	0,017249	0,157895
324	10,29642	2,463917	1240	24	0,015451	0,13834
325	11,17327	2,222222	1240	17	0,016821	0,175
326	9,348687	2,388889	1240	56	0,01394	0,056566
327	8,669451	2,556364	1240	57	0,012972	0,055844
328	9,378043	2,538461	1240	57	0,014547	0,058442
329	9,777566	2,574468	1240	28	0,015293	0,119658
330	9,888544	2,410072	1240	32	0,015613	0,096774
331	9,92315	2,544643	1240	23	0,015661	0,147186
332	8,93031	2,492647	1240	65	0,014058	0,051587
333	8,754892	2,409548	1240	89	0,013643	0,034483
334	9,734845	2,563981	1240	45	0,015227	0,075053
335	10,71838	2,5	1240	16	0,016819	0,2
336	9,726014	2,524887	1240	49	0,015215	0,070035
337	10,69618	2,411765	1240	26	0,016784	0,123333
338	9,915275	2,546218	1240	25	0,015649	0,134058
339	9,847494	2,427778	1240	47	0,015688	0,069565
340	10,69761	2,462185	1240	26	0,016785	0,126667
341	9,574941	2,358209	1240	56	0,014815	0,053872
342	9,89475	2,398876	1240	38	0,015448	0,078078
343	10,02601	2,477941	1240	32	0,0158	0,105376
344	9,415275	2,572993	1240	54	0,014596	0,063861
345	9,404296	2,594891	1240	53	0,014583	0,065611
346	10,03747	2,548611	1240	31	0,01568	0,108046
347	10,34511	2,686441	1240	22	0,016117	0,166667
348	9,172076	2,568452	1240	69	0,014261	0,049166
349	10,78091	2,566667	1240	20	0,016939	0,169591
350	10,58544	2,544974	1240	38	0,016658	0,087087
351	10,67947	2,591837	1240	27	0,016801	0,123077
352	11,1179	2,433333	1240	38	0,017625	0,088589
353	11,18568	2,034653	1240	38	0,017728	0,069069
354	11,17709	2,200873	1240	43	0,017703	0,067364
355	11,20644	2,393782	1240	36	0,017745	0,089076
356	11,51146	2,19898	1240	39	0,018377	0,076814
357	11,78377	2,330233	1240	41	0,018758	0,075641
358	11,07279	2,220736	1240	60	0,017546	0,046172
359	11,17422	2,148472	1240	43	0,0177	0,065041
360	9,909307	2,592	1240	27	0,015635	0,132308
361	10,8537	2,53	1240	25	0,017163	0,141304
362	10,37757	2,45946	1240	24	0,016475	0,130435
363	9,421957	2,438889	1240	45	0,014928	0,072939

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
312	0,627271	0,139535	1,292118	0,71468	3,509174	2,24556	4190
313	0,651696	0,269663	1,1632	0,453284	3,398028	1,961644	4190
314	0,637158	0,25974	1,257845	0,485134	3,511014	1,972044	4190
315	0,62963	0,188679	1,283943	0,616861	3,514678	2,126875	4190
316	0,606662	0,176471	1,41349	1,054991	3,621422	1,760676	4190
317	0,585193	0	1,543247	2,367467	3,725529	1,203369	4190
318	0,668582	0,235294	1,233004	0,590784	3,515291	1,956805	4190
319	0,652355	0,255814	1,293376	0,618101	3,554904	1,869357	4190
320	0,638891	0,220339	1,297673	0,567341	3,544946	2,039703	4190
321	0,625306	0,195122	1,298931	0,682459	3,514634	2,046227	4190
322	0,607449	0,16	1,41066	0,892193	3,626118	1,972416	4190
323	0,614157	0,189189	1,386553	0,719242	3,614529	2,008544	4190
324	0,66616	0,186047	1,242018	0,676048	3,50944	2,069227	4190
325	0,648522	0,275862	1,352175	0,717448	3,627084	1,683883	4190
326	0,688182	0,214953	1,120541	0,455806	3,400866	2,171154	4190
327	0,699199	0,211009	1,042771	0,455104	3,296413	2,182164	4190
328	0,620974	0,174312	1,169384	0,476272	3,522763	2,32838	4190
329	0,617325	0,176471	1,229336	0,636229	3,540082	2,239983	4190
330	0,624204	0,237288	1,255015	0,555007	3,570194	1,989587	4190
331	0,623042	0,170732	1,258893	0,70314	3,562787	2,106321	4190
332	0,648222	0,168	1,130079	0,457599	3,476221	2,37707	4190
333	0,644551	0,236994	1,096644	0,377001	3,465183	2,15713	4190
334	0,618989	0,164706	1,22399	0,527359	3,553163	2,374182	4190
335	0,595173	0,222222	1,351966	0,79668	3,641923	1,793915	4190
336	0,619282	0,150538	1,223047	0,518762	3,555683	2,415308	4190
337	0,596021	0,212766	1,349136	0,629442	3,648517	2,009142	4190
338	0,623325	0,177778	1,257949	0,669706	3,563129	2,111498	4190
339	0,636221	0,191011	1,261094	0,502099	3,64668	2,226558	4190
340	0,595989	0,191489	1,34924	0,646454	3,64788	2,08025	4190
341	0,61401	0,252336	1,19087	0,434101	3,502171	2,035807	4190
342	0,613442	0,267606	1,241808	0,495216	3,53966	1,934417	4190
343	0,619684	0,169492	1,270108	0,604341	3,564013	2,228937	4190
344	0,619717	0,145631	1,173262	0,502831	3,510644	2,442293	4190
345	0,620057	0,138614	1,172214	0,510536	3,514441	2,467401	4190
346	0,607635	0,175439	1,260465	0,608474	3,590655	2,196474	4190
347	0,596705	0,102564	1,295577	0,777778	3,618142	2,396856	4190
348	0,628448	0,157895	1,146325	0,453496	3,540576	2,425887	4190
349	0,592286	0,171429	1,361608	0,753455	3,739725	2,050373	4190
350	0,599033	0,183099	1,339074	0,552356	3,791125	2,228943	4190
351	0,595613	0,183674	1,350498	0,641319	3,762841	2,130686	4190
352	0,591323	0,169014	1,416739	0,56188	3,842762	2,271114	4190
353	0,588934	0,352113	1,425019	0,438076	3,891111	1,691244	4190
354	0,589509	0,283951	1,423028	0,460331	3,897731	1,904876	4190
355	0,588541	0,208955	1,426382	0,547143	3,879068	2,106762	4190
356	0,588928	0,260274	1,477215	0,494818	3,962922	1,966772	4190
357	0,580412	0,233766	1,50782	0,502156	3,995847	2,048493	4190
358	0,593137	0,313044	1,41045	0,388868	3,927889	1,855901	4190
359	0,589569	0,308642	1,422818	0,444458	3,899693	1,829642	4190
360	0,62367	0,122449	1,256796	0,689417	3,566847	2,355952	4190
361	0,602026	0,133333	1,379636	0,705906	3,667176	2,287109	4190
362	0,617989	0,232558	1,324295	0,637417	3,645054	1,961404	4190
363	0,64068	0,188235	1,199989	0,512504	3,548847	2,22971	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
312	93	13567	60
313	171	12337	111
314	147	13240	97
315	110	13489	71
316	45	14725	24
317	17	15963	9
318	112	13003	66
319	91	13579	55
320	115	13620	77
321	88	13632	55
322	63	14698	35
323	81	14468	50
324	97	13089	58
325	63	14140	37
326	198	11930	139
327	275	11188	142
328	286	12396	146
329	141	12968	69
330	139	13213	76
331	112	13250	56
332	272	12021	168
333	398	11702	220
334	211	12917	115
335	86	14138	36
336	221	12908	127
337	119	14111	62
338	119	13241	61
339	180	13271	118
340	119	14112	63
341	268	12601	135
342	178	13087	89
343	136	13357	80
344	274	12433	141
345	274	12423	139
346	144	13265	77
347	118	13600	56
348	336	12176	180
349	90	14230	48
350	189	14015	95
351	147	14124	66
352	180	14756	96
353	202	14835	83
354	229	14816	100
355	193	14848	88
356	196	15333	92
357	215	15625	99
358	299	14696	138
359	229	14814	98
360	125	13230	69
361	100	14402	63
362	111	13874	56
363	180	12688	113

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
364	3664,0269	3089,4513	3760,4659	3052,2007	2072	10	50691
365	3666,0112	3081,5256	3789,0404	3061,3152	8147	82	143500
366	3727,9227	2986,0214	3744,5912	3072,4111	6365	51	117438
367	3732,6851	3108,8691	3740,6225	3040,7085	355	23	15066
368	3715,2229	3059,7300	3719,5884	3114,8134	93	3	7316
369	3806,1057	2991,9657	3819,5992	3060,5226	84	8	6344
370	3803,3277	3069,2408	3819,9961	3117,1911	963	30	17997
371	3806,8995	3092,2252	3832,2990	3078,7516	256	4	5883
372	3823,1711	3087,8661	3837,0615	3058,1449	667	4	8073
373	3829,9178	3065,2780	3865,2391	3056,5598	1547	9	13081
374	3868,4141	3054,1821	3886,6700	3041,8973	5	2	3451
375	3883,8919	3048,2378	3886,6700	2981,2660	135	9	4196
376	4116,7816	2878,2212	4154,3544	2558,5073	3022	26	51900,5
377	3968,2364	2784,1014	4024,8154	2729,6983	1388	11	27440,5
378	4006,6542	2740,5091	4048,2153	2756,5511	5	5	6013,5
379	3983,9528	2806,4206	4038,7855	2804,3282	24958	32	290095
380	3981,1587	2862,2187	3997,5736	2791,7736	7790	70	149887,5
381	3924,9290	2835,0171	3949,7260	2754,4587	19267	39	267936
382	4025,8631	2812,0004	4053,1049	2763,8746	1543	18	25168
383	4035,9472	2557,2130	4044,0243	2788,6350	4252	85	65217
384	4037,7377	2766,6645	4079,9973	2769,8031	1145	4	9681,5
385	4065,3287	2797,7022	4067,4242	2764,2233	0	0	1945
386	4022,3706	2803,6307	4144,9636	2891,3836	27476	125	326675
387	4123,4112	2882,9058	4270,3594	2910,2957	10750	32	110710
388	4039,1609	2742,6957	4139,0857	2747,9128	66	6	6726
389	4069,8568	2845,7338	4092,7154	2788,9977	252	3	6915
390	4089,4499	2802,6926	4098,5933	2704,8716	24	6	6105,5
391	4013,6899	2701,6109	4303,0146	2734,2179	4716	52	56139
392	4036,5485	2668,3518	4308,2394	2695,7417	732	12	16771
393	4011,7823	2645,2519	4172,4457	2647,8605	3452	25	56234,5
394	3905,3583	2744,9963	4050,3472	2592,3955	5090	40	91863
395	3923,4329	2522,3478	4026,1824	2651,0881	11748	59	165487,5
396	4012,4673	2539,5722	4020,3045	2750,2134	6145	63	80896
397	3998,0990	2571,5271	4403,6760	2578,7006	6027	123	70409
398	3885,1121	2724,1278	4006,5893	2568,2664	5855	62	83820,5
399	3272,1611	2906,7620	3367,0344	2948,3645	1824	16	21949
400	3405,1845	2808,5200	3472,4491	2819,5471	754	61	17753
401	3202,3865	2871,6756	3417,7339	2808,0188	7599	85	83745
402	3341,9852	2822,3298	3375,5302	2945,7049	4765	40	62635
403	3177,6881	2917,0104	3257,6929	3154,8955	52397	65	678159
404	2734,5761	2582,9150	3029,8070	3178,9429	114106	245	1456320
405	2743,7500	2648,5642	2804,9092	2439,4029	86965	20	1104400
406	2702,4675	2653,1444	2766,6847	2630,2435	10902	10	145298
407	2559,8289	2462,7230	2745,2790	2466,8839	2000	9	38908
408	2693,2937	2549,3271	2769,7427	2488,2581	1136	4	23502,5
409	3269,0338	2766,4906	3401,8970	2723,5317	5236	17	49356
410	3389,2433	2722,6894	3447,0283	2761,4366	6229	34	67313
411	3328,9277	2742,9053	3369,8411	2827,5596	2061	16	24169
412	3333,5674	2766,0694	3373,2154	2755,9615	8	2	3867
413	3366,0450	2753,4345	3387,9780	2820,8209	175	2	5252
414	3285,9054	2756,8038	3314,5869	2842,3004	300	4	7109
415	3272,4082	2705,0004	3274,9389	2767,3329	1732	10	14881

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
364	568	0,005774745	0,03667355	0,002701642	0,015015
365	1993	0,01634759	0,1081272	0,01062272	0,0952381
366	1468,5	0,0133786	0,05750255	0,008299205	0,0515152
367	965,5	0,001716327	0,06305306	0,000462878	0,0310391
368	307,5	0,000833443	0,02846036	0,000121261	0,0053476
369	206,5	0,000722712	0,01379932	0,000109526	0,0142603
370	634	0,002050227	0,06562807	0,001255638	0,0568182
371	117	0,000670194	0,03846154	0,000333794	0,0233918
372	100	0,00091968	0,04591368	0,000869689	0,0439561
373	119	0,001490194	0,009906348	0,002017104	0,0206897
374	120	0,00039314	0,01879552	6,52E-06	0,0116959
375	164	0,000478011	0,01121713	0,000176024	0,0160428
376	1646	0,005912532	0,05143027	0,003940329	0,0162907
377	705,5	0,003126036	0,01799745	0,001809787	0,0068922
378	369	0,000685061	0,02088049	6,52E-06	0,0064103
379	1704	0,03304777	0,0228731	0,03254227	0,0115315
380	2735,5	0,01707526	0,04596514	0,01015723	0,0358423
381	1668	0,03052341	0,0270777	0,02512188	0,01875
382	1060	0,002867152	0,02762971	0,002011889	0,0101695
383	2326	0,007429555	0,08642984	0,005544103	0,0641026
384	214,5	0,001102921	0,01400816	0,001492944	0,006006
385	10,5	0,000221575	0,004410838	0	0
386	4436	0,03721498	0,07325935	0,03582544	0,0489045
387	1267	0,01261214	0,05746032	0,01401672	0,0323232
388	246	0,000766229	0,01663061	8,61E-05	0,009009
389	181	0,00078776	0,01069234	0,000328578	0,0047619
390	237	0,000695542	0,02051593	3,13E-05	0,0129032
391	1278	0,006395384	0,06264092	0,006149104	0,0481036
392	604	0,001910561	0,03311313	0,000954441	0,012685
393	1190,5	0,006406263	0,04745296	0,004500998	0,0231267
394	1776	0,01046508	0,04165885	0,006636756	0,0233781
395	3088	0,01885242	0,06107353	0,015318	0,0312004
396	2127	0,009215714	0,07637891	0,008012351	0,0514286
397	2698,5	0,00802103	0,09772748	0,007858492	0,0927602
398	2152	0,009548875	0,05082604	0,007634225	0,0362361
399	316	0,002500441	0,03178915	0,002378279	0,0344086
400	1301	0,002022431	0,08305404	0,000983127	0,0915916
401	1856,5	0,009540274	0,1007216	0,009908194	0,0987224
402	1011	0,007135412	0,05601108	0,006212994	0,0422833
403	2545	0,07725623	0,04731187	0,06831947	0,0247336
404	6901	0,1659047	0,08131068	0,1487807	0,0686275
405	2093	0,1258138	0,03008719	0,113392	0,0063291
406	933	0,01655242	0,02203564	0,01421491	0,0054645
407	1022	0,004432419	0,04463272	0,002607763	0,0083256
408	354	0,002677417	0,0202465	0,001481209	0,0053981
409	707,5	0,005622661	0,05668162	0,006827122	0,030303
410	1498	0,007668332	0,0273455	0,008121876	0,0136821
411	391	0,002753345	0,06346887	0,002687299	0,042328
412	66	0,000440531	0,039239	1,04E-05	0,0190476
413	87	0,000598311	0,02196692	0,000228179	0,008658
414	170	0,000809861	0,02809917	0,000391164	0,011396
415	136,5	0,001695251	0,04726454	0,002258322	0,0735294

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
364	8	1,877778	0,4210526	4,368391	1,48009	8,477936
365	9	2,141667	0,45	4,37894	1,444479	8,530373
366	5	0,969445	0,2631579	4,325031	1,314412	8,240322
367	5	0,880556	0,25	4,37534	1,405101	8,383857
368	3	0,347222	0,1764706	4,414296	1,327896	8,202559
369	3	0,7	0,2727273	4,296719	1,141433	7,819752
370	6	2,361111	0,3333333	4,344722	1,480081	8,34446
371	2	0,666667	0,2222222	4,302973	1,327656	7,466224
372	2	1	0,4	4,255737	1,165146	6,820042
373	2	0,666667	0,2222222	4,242457	1,064794	7,34282
374	2	0,75	0,2857143	4,278396	1,200546	7,278182
375	2	0,6	0,1538462	4,319619	1,173396	7,611722
376	7	1,662302	0,2413793	4,190979	1,39885	8,121765
377	5	1,549242	0,2272727	4,119115	1,244448	7,783179
378	3	0,425	0,1764706	4,16279	1,253716	7,638392
379	4	0,665909	0,16	4,13029	1,116609	7,709106
380	5	1,035354	0,2	4,134252	1,242954	7,813116
381	4	0,785354	0,1666667	4,137493	1,177237	7,705747
382	4	0,808333	0,1818182	4,192714	1,184044	7,886029
383	10	2,620635	0,3125	4,189058	1,512363	8,205403
384	3	1,35	0,2142857	4,224854	1,214738	7,77857
385	1	0,333333	0,25	4,227076	1,019738	6,12888
386	8	1,920635	0,2352941	4,216448	1,362196	8,209654
387	6	1,491667	0,2608696	4,252815	1,41323	8,230116
388	3	0,576191	0,1875	4,222288	1,270826	7,798862
389	2	0,458333	0,1666667	4,227241	1,1058	7,437762
390	3	0,97619	0,2727273	4,200118	1,198593	7,657397
391	7	1,617857	0,25	4,171875	1,457596	8,069731
392	4	0,659524	0,1818182	4,230438	1,335839	8,01852
393	5	0,844048	0,2083333	4,116331	1,370538	7,775418
394	6	1,458766	0,2142857	4,130257	1,345968	7,886432
395	7	1,558333	0,2916667	4,060771	1,282686	7,70387
396	8	1,796825	0,2857143	4,120509	1,468014	7,942017
397	9	3,401191	0,3103448	4,191345	1,482506	8,186205
398	5	0,928211	0,1785714	4,129915	1,313157	7,816164
399	4	1,291667	0,2857143	4,086799	1,356626	7,57891
400	6	1,611111	0,3	4,06252	1,460505	7,743186
401	9	3,666667	0,3913043	4,059336	1,507663	7,834916
402	3	0,736111	0,15	4,130249	1,262005	7,559809
403	4	1,042857	0,1428571	4,142315	1,177896	6,217863
404	17	6,433333	0,3953488	4,231133	1,480463	5,141709
405	4	0,67549	0,137931	4,154695	1,144766	4,623874
406	4	0,658824	0,1481481	4,21999	1,251187	4,715478
407	6	1,561111	0,2857143	4,224804	1,360386	4,798479
408	3	0,477778	0,1666667	4,210879	1,284746	4,687894
409	5	1,666667	0,3571429	4,078168	1,329923	7,606986
410	4	0,64359	0,16	4,044746	1,146673	7,483928
411	4	1,144444	0,25	4,107897	1,443586	7,645556
412	2	0,75	0,3333333	4,1128	1,251614	6,81602
413	2	0,611111	0,1818182	4,065478	1,326035	7,059278
414	2	0,311111	0,1428571	4,103659	1,301495	7,170117
415	3	1,7	0,3333333	4,113807	1,44416	7,258126

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
364	14,40758	0,7198524	2,187598	0,7198524	2,187598	0,3751165
365	15,71157	0,7221408	2,249934	0,7221408	2,249934	0,375242
366	12,74047	0,7288712	2,074627	0,7288712	2,074627	0,3756092
367	12,44444	0,695048	2,098041	0,695048	2,098041	0,3737358
368	8,587156	0,6645949	1,895044	0,6645949	1,895044	0,3719865
369	7,724138	0,6833494	1,688312	0,6833494	1,688312	0,3730711
370	12,49704	0,6635318	2,06718	0,6635318	2,06718	0,3719243
371	5,28	0,639515	1,374621	0,639515	1,374621	0,3704976
372	3,636364	0,6569527	1,069887	0,6569527	1,069887	0,3715376
373	5,617021	0,705794	1,544848	0,705794	1,544848	0,3743387
374	4,837209	0,6613241	1,282979	0,6613241	1,282979	0,3717949
375	6,197183	0,6709039	1,719577	0,6709039	1,719577	0,372354
376	17,78102	0,7243337	2,451542	0,7243337	2,451542	0,3753619
377	13,7799	0,790728	2,200816	0,790728	2,200816	0,3788647
378	8,851064	0,7262082	1,926121	0,7262082	1,926121	0,3754642
379	12,51534	0,8020953	2,313389	0,8020953	2,313389	0,379441
380	14,37439	0,8043268	2,292821	0,8043268	2,292821	0,3795533
381	12,25336	0,8119935	2,254029	0,8119935	2,254029	0,3799376
382	11,95941	0,7379475	2,188751	0,7379475	2,188751	0,3761002
383	20,4878	0,7320589	2,704906	0,7320589	2,704906	0,3757822
384	8,421053	0,6784416	1,810426	0,6784416	1,810426	0,3727896
385	2,5	0,623549	0,9459329	0,623549	0,9459329	0,3695254
386	20,98184	0,7483665	2,592247	0,7483665	2,592247	0,376658
387	14,6711	0,6886765	2,241935	0,6886765	2,241935	0,3733749
388	8,655738	0,6766133	1,875084	0,6766133	1,875084	0,3726843
389	6,143345	0,682616	1,710445	0,682616	1,710445	0,3730292
390	7,636364	0,6622422	1,654694	0,6622422	1,654694	0,3718487
391	16,47059	0,7127539	2,463782	0,7127539	2,463782	0,3747253
392	11,3539	0,6777187	2,137035	0,6777187	2,137035	0,372748
393	13,45794	0,7529138	2,239801	0,7529138	2,239801	0,3768995
394	16,29091	0,7958065	2,390047	0,7958065	2,390047	0,379123
395	17,31615	0,814976	2,314431	0,814976	2,314431	0,3800863
396	18,09056	0,7680048	2,481398	0,7680048	2,481398	0,3776929
397	19,47331	0,7335786	2,543419	0,7335786	2,543419	0,3758644
398	14,45585	0,7975361	2,362256	0,7975361	2,362256	0,3792106
399	9,6	0,8258395	1,801778	0,8258395	1,801778	0,3806243
400	13,37143	0,780763	2,142953	0,780763	2,142953	0,3783541
401	16,80431	0,8067752	2,377289	0,8067752	2,377289	0,3796764
402	9,17782	0,7991393	2,039897	0,7991393	2,039897	0,3792917
403	12,68966	0,8819489	2,365734	0,8819489	2,365734	0,3833178
404	32,76558	0,8790237	3,01085	0,8790237	3,01085	0,3831807
405	12,86598	0,8740311	2,406221	0,8740311	2,406221	0,382946
406	12,34469	0,8332685	2,312308	0,8332685	2,312308	0,380989
407	14,53846	0,7690572	2,173925	0,7690572	2,173925	0,3777478
408	8,884615	0,767943	1,953348	0,767943	1,953348	0,3776897
409	10,73482	0,7731078	1,857144	0,7731078	1,857144	0,3779584
410	12,45033	0,855765	2,297924	0,855765	2,297924	0,3820781
411	9,573222	0,7419647	1,883994	0,7419647	1,883994	0,376316
412	4,285714	0,6769013	1,146061	0,6769013	1,146061	0,3727009
413	5,647059	0,7304336	1,51108	0,7304336	1,51108	0,375694
414	6,039216	0,7416763	1,692666	0,7416763	1,692666	0,3763005
415	6,206897	0,7115844	1,402843	0,7115844	1,402843	0,3746605

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
364	0,4628433	0,408723	1,196668	103,3832	11,69734	2,297297
365	0,461273	0,411013	1,12932	124,6781	11,66344	2,333333
366	0,449996	0,409736	0,916106	87,98303	11,56497	2,488889
367	0,455954	0,395266	1,060453	68,62126	12,0791	2,384615
368	0,4492124	0,381312	0,968258	55,25604	12,58676	2,441176
369	0,4362637	0,38163	0,739818	69,87225	12,26877	2,617647
370	0,4607221	0,374701	1,198161	50,76478	12,60533	2,30303
371	0,4337026	0,357668	0,983449	28,75197	13,04116	2,473684
372	0,4149004	0,363388	0,832247	32,80693	12,72155	2,571429
373	0,4303778	0,389187	0,673645	36,38132	11,91041	2,666667
374	0,424905	0,367754	0,827963	22,00442	12,64407	2,578947
375	0,4382704	0,376676	0,774884	67,02941	12,47781	2,588235
376	0,4606248	0,394565	1,040171	321,9141	11,63115	2,385965
377	0,4495252	0,423349	0,829632	78,49127	10,7385	2,54386
378	0,445594	0,392925	0,856706	44,54964	11,60371	2,525
379	0,4479648	0,4306	0,701341	54,87263	10,60048	2,626667
380	0,4510814	0,432213	0,828636	72,33224	10,57385	2,539683
381	0,4486652	0,436675	0,761742	84,28851	10,48345	2,584615
382	0,4476996	0,402148	0,768369	55,30106	11,43503	2,583333
383	0,4744989	0,398591	1,292827	231,5629	11,51897	2,211539
384	0,4412719	0,372552	0,809825	42,37599	12,35028	2,567568
385	0,4019529	0,342587	0,679825	33,54435	13,34947	2,692308
386	0,4598629	0,410135	0,974905	150,7635	11,28975	2,430556
387	0,4584524	0,380675	1,065715	149,479	12,1816	2,377778
388	0,4451187	0,371322	0,878025	100,0609	12,38095	2,513514
389	0,4359676	0,375056	0,705424	61,16787	12,28087	2,638889
390	0,4369674	0,361526	0,799062	98,24738	12,62793	2,580645
391	0,4675524	0,386487	1,185841	291,1563	11,80387	2,276596
392	0,4539075	0,372646	0,96956	273,0681	12,36239	2,431818
393	0,4569161	0,402829	1,01209	160,6845	11,2276	2,404255
394	0,4569842	0,427221	0,961406	210,4965	10,67635	2,440678
395	0,4524111	0,430152	0,868916	164,7165	10,44875	2,516129
396	0,4661547	0,411321	1,169824	210,7869	11,02663	2,3
397	0,4675521	0,399636	1,190497	405,6405	11,49718	2,288461
398	0,4557843	0,428114	0,926934	197,6094	10,65537	2,457627
399	0,4467427	0,43868	0,986637	103,5939	10,32446	2,451613
400	0,4603911	0,41227	1,156233	68,16254	10,86279	2,324324
401	0,4676699	0,425673	1,246722	224,5588	10,54479	2,261905
402	0,4488676	0,429009	0,873696	127,8542	10,636	2,5
403	0,4506562	0,474852	0,764599	250,9783	9,731235	2,575342
404	0,4704096	0,483424	1,157453	665,1395	9,76029	2,305882
405	0,4502701	0,471995	0,730126	217,9195	9,810331	2,6
406	0,4527351	0,457052	0,852457	68,17841	10,24132	2,508197
407	0,4536834	0,42231	0,974605	185,4967	11,01291	2,446809
408	0,4479297	0,420308	0,901576	97,84618	11,02744	2,48718
409	0,4468925	0,4098	0,949945	139,6355	10,96045	2,470588
410	0,4485132	0,4499	0,730623	69,57332	9,998385	2,605634
411	0,4563711	0,396157	1,162889	94,02262	11,37853	2,321429
412	0,4208359	0,361847	0,910265	40,91624	12,37611	2,533333
413	0,4392318	0,385973	0,983833	70,86604	11,54237	2,454545
414	0,4446625	0,395595	0,958997	90,17928	11,38257	2,444444
415	0,4421295	0,380482	1,181585	62,38386	11,82163	2,352941

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth [Connectivity Wgt]	Mean Depth R3 [Connectivity Wgt]	Node Count	Node Count R3	RA RA	RA R3 RA R3
364	10,68401	2,181818	1240	38	0,017282	0,072072
365	10,64559	2,1875	1240	43	0,017227	0,065041
366	10,62578	2,393805	1240	46	0,017068	0,067677
367	11,09117	2,194286	1240	40	0,017898	0,072874
368	11,55823	2,204082	1240	35	0,018719	0,087344
369	11,39976	2,554913	1240	35	0,018205	0,098039
370	11,67995	2,258993	1240	34	0,018749	0,081439
371	12,158	2,448718	1240	20	0,019453	0,163743
372	11,91241	2,606061	1240	15	0,018936	0,241758
373	11,12387	2,658065	1240	31	0,017626	0,114943
374	11,81885	2,637168	1240	20	0,018811	0,175439
375	11,62434	2,444444	1240	35	0,018542	0,096257
376	10,96038	2,252964	1240	58	0,017175	0,049499
377	10,06969	2,435714	1240	58	0,015733	0,055138
378	10,93103	2,361702	1240	41	0,01713	0,078205
379	9,916945	2,541451	1240	76	0,01551	0,043964
380	9,870645	2,449275	1240	64	0,015467	0,049667
381	9,77327	2,509972	1240	66	0,015321	0,049519
382	10,73413	2,454874	1240	61	0,016858	0,053672
383	10,84105	2,094828	1240	53	0,016993	0,047511
384	11,64678	2,485714	1240	38	0,018336	0,087087
385	12,6463	2,666667	1240	14	0,019951	0,282051
386	10,56635	2,347701	1240	73	0,016623	0,040297
387	11,45203	2,319048	1240	46	0,018064	0,062626
388	11,68425	2,395349	1240	38	0,018386	0,084084
389	11,55656	2,581522	1240	37	0,018224	0,093651
390	11,95609	2,486842	1240	32	0,018785	0,105376
391	11,1642	2,089109	1240	48	0,017454	0,055504
392	11,66683	2,277487	1240	45	0,018356	0,066596
393	10,64033	2,258929	1240	48	0,016523	0,061055
394	10,00549	2,328767	1240	60	0,015632	0,049679
395	9,889022	2,408805	1240	63	0,015265	0,049709
396	10,41337	2,20339	1240	51	0,016198	0,053061
397	10,81885	2,182979	1240	53	0,016958	0,050528
398	9,985441	2,360825	1240	60	0,015598	0,050263
399	9,521718	2,411348	1240	32	0,015064	0,096774
400	10,23103	2,322034	1240	38	0,015933	0,073574
401	9,879952	2,286458	1240	43	0,01542	0,061556
402	9,865632	2,431579	1240	45	0,015567	0,069767
403	8,822196	2,478658	1240	74	0,014105	0,04376
404	8,923628	2,288835	1240	86	0,014152	0,031092
405	9,074701	2,493298	1240	81	0,014233	0,040506
406	9,455608	2,42268	1240	62	0,014929	0,050273
407	10,34821	2,327103	1240	48	0,016176	0,062905
408	10,37017	2,411765	1240	40	0,016199	0,078273
409	10,34797	2,449367	1240	35	0,016091	0,089127
410	9,37852	2,471299	1240	72	0,014537	0,045875
411	10,69881	2,234234	1240	29	0,016767	0,097884
412	11,6969	2,396552	1240	16	0,018378	0,219048
413	10,87804	2,370786	1240	23	0,017031	0,138528
414	10,70215	2,345454	1240	28	0,016773	0,111111
415	11,21718	2,447368	1240	18	0,017482	0,169118

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
364	0,626606	0,323944	1,389174	0,457122	3,929401	1,78692	4190
365	0,627789	0,308642	1,384772	0,444458	3,9454	1,866783	4190
366	0,618212	0,229885	1,371984	0,482014	3,855907	2,082049	4190
367	0,61328	0,28	1,43875	0,476635	3,936765	1,899075	4190
368	0,608882	0,246154	1,504676	0,527692	4,018536	1,991583	4190
369	0,592778	0,153846	1,46338	0,592307	3,87713	2,318112	4190
370	0,594912	0,31746	1,507087	0,483751	3,928787	1,762633	4190
371	0,579699	0,2	1,563685	0,727473	3,902084	1,955081	4190
372	0,576416	0,12	1,52218	0,934679	3,864926	2,155528	4190
373	0,591293	0,122807	1,416844	0,647313	3,834393	2,404009	4190
374	0,579216	0,142857	1,512118	0,779436	3,889149	2,164109	4190
375	0,585224	0,169231	1,490527	0,581538	3,92138	2,247748	4190
376	0,586605	0,288288	1,380579	0,407907	3,800837	1,929756	4190
377	0,60633	0,207207	1,264657	0,454377	3,662857	2,198858	4190
378	0,587672	0,207792	1,377015	0,519178	3,752877	2,142333	4190
379	0,611909	0,170068	1,246735	0,432266	3,694551	2,384306	4190
380	0,612985	0,211382	1,243276	0,436144	3,68984	2,197888	4190
381	0,61664	0,188976	1,231537	0,44365	3,684515	2,289981	4190
382	0,594232	0,188034	1,35511	0,456882	3,792033	2,280777	4190
383	0,590968	0,376238	1,36601	0,369699	3,789961	1,677372	4190
384	0,574815	0,183099	1,473966	0,552356	3,865626	2,211362	4190
385	0,553725	0,043478	1,603723	1,057157	3,924085	2,330933	4190
386	0,599881	0,269504	1,336244	0,385766	3,818172	2,011951	4190
387	0,581134	0,287356	1,452061	0,446043	3,88878	1,898649	4190
388	0,573666	0,211268	1,477949	0,53331	3,857448	2,112761	4190
389	0,577415	0,144928	1,464952	0,584643	3,872361	2,355935	4190
390	0,564414	0,169492	1,510021	0,604341	3,861417	2,228937	4190
391	0,579889	0,340659	1,403009	0,40588	3,78549	1,768548	4190
392	0,574361	0,258824	1,475538	0,467938	3,87539	1,998701	4190
393	0,586558	0,274725	1,328173	0,446468	3,694267	1,953101	4190
394	0,608842	0,26087	1,256587	0,418402	3,667248	2,021497	4190
395	0,60229	0,223141	1,22703	0,432072	3,596851	2,157642	4190
396	0,594682	0,329897	1,302075	0,402999	3,675082	1,791944	4190
397	0,591815	0,336634	1,36318	0,393172	3,790306	1,775918	4190
398	0,60969	0,252174	1,253862	0,423324	3,672929	2,059255	4190
399	0,637416	0,237288	1,210889	0,555007	3,538044	1,985757	4190
400	0,601305	0,309859	1,280798	0,466646	3,582828	1,802057	4190
401	0,61416	0,345679	1,239503	0,420647	3,550355	1,732936	4190
402	0,625302	0,223529	1,251346	0,490221	3,582639	2,1174	4190
403	0,684478	0,195804	1,133852	0,422702	3,558053	2,284091	4190
404	0,722546	0,335329	1,137626	0,332132	3,702971	1,835016	4190
405	0,720961	0,184713	1,144124	0,41559	3,61137	2,337322	4190
406	0,716064	0,226891	1,200093	0,432468	3,709683	2,154526	4190
407	0,692357	0,252747	1,300293	0,459998	3,742239	2,013002	4190
408	0,691911	0,226667	1,30218	0,511942	3,726826	2,079478	4190
409	0,597357	0,230769	1,293481	0,538461	3,622245	2,048016	4190
410	0,621246	0,179856	1,168545	0,435175	3,527826	2,337848	4190
411	0,596429	0,301887	1,347773	0,530787	3,6542	1,777938	4190
412	0,573847	0,148148	1,47732	0,872554	3,736011	2,050147	4190
413	0,590057	0,219512	1,36905	0,661778	3,635531	1,95529	4190
414	0,596272	0,235294	1,348297	0,590784	3,650584	1,988383	4190
415	0,579198	0,258065	1,405315	0,712838	3,708884	1,754716	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
364	176	14493	85
365	192	14451	98
366	226	14329	112
367	175	14966	93
368	147	15595	83
369	173	15201	89
370	139	15618	76
371	78	16158	47
372	66	15762	36
373	155	14757	80
374	113	15666	49
375	171	15460	88
376	253	14411	136
377	280	13305	145
378	188	14377	101
379	386	13134	197
380	345	13101	160
381	351	12989	168
382	277	14168	155
383	232	14272	115
384	175	15302	95
385	69	16540	35
386	348	13988	175
387	210	15093	107
388	172	15340	93
389	184	15216	95
390	152	15646	80
391	202	14625	107
392	191	15317	107
393	224	13911	113
394	292	13228	144
395	318	12946	156
396	236	13662	115
397	235	14245	119
398	291	13202	145
399	141	12792	76
400	177	13459	86
401	192	13065	95
402	190	13178	110
403	328	12057	188
404	412	12093	196
405	373	12155	208
406	291	12689	153
407	214	13645	115
408	187	13663	97
409	158	13580	84
410	331	12388	185
411	111	14098	65
412	58	15334	38
413	89	14301	54
414	110	14103	66
415	76	14647	40

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice
							[Connectivity Wgt]
416	3206,1875	2752,5921	3276,6260	2718,4777	0	0	1955,5
417	3237,3998	2713,4237	3289,7014	2704,1581	742	6	7946
418	3281,7684	2642,4418	3283,7964	2708,7909	2743	19	32551
419	3297,7154	2719,3200	3336,5199	2703,3158	1119	2	7693
420	3331,4584	2701,6311	3332,3020	2763,5424	2240	11	17245,5
421	3309,1037	2699,9464	3318,8048	2714,2661	0	0	1919,5
422	3579,0478	2672,9918	3579,0478	2674,2553	-1	-1	-1
423	3577,7825	2674,6765	3579,0478	2674,2553	-1	-1	-1
424	3265,3996	2664,5070	3329,2377	2678,3999	282	4	8866
425	4108,7601	3807,9059	4136,7616	3884,7966	3455	14	46347
426	4042,9565	3842,8562	4042,9565	3902,2717	497	10	16456,5
427	3952,6515	3858,9334	4152,1625	3835,8662	704	16	19127,5
428	3792,3427	3736,6073	3952,6515	3735,2093	3049	14	45243
429	3731,4394	3717,0352	3802,1433	3719,8312	41	2	4429
430	3781,1421	3657,6197	3800,7432	3742,8984	443	17	12212
431	3711,1382	3714,9381	3745,4401	3731,7143	1974	7	19997
432	3736,3396	3672,9978	3738,4397	3734,5103	1064	13	13673,5
433	3833,5450	3642,2660	3834,9455	3707,9907	3028	26	59250,5
434	3826,5427	3677,2260	3908,4698	3826,1553	7050	27	105663
435	3874,1585	3831,7489	3902,1677	3804,4801	2619	5	36382
436	3954,6851	3614,9973	3955,3853	3712,1859	1513	30	34355,5
437	3860,1176	3619,2342	3946,7393	3741,4798	164	9	6675
438	3871,3575	3612,2005	3959,5867	3695,4051	640	15	17355
439	3904,2684	3742,9506	3958,1863	3649,9572	372	16	12696
440	3508,7836	2363,0133	3514,4098	2305,5385	221	3	5235
441	3474,1612	2369,9276	3514,4098	2355,6669	0	1	3865
442	3478,4890	2309,4278	3484,9807	2371,2240	898	2	9140
443	3589,1316	2230,5652	3646,5869	2231,9476	0	0	3880
444	3633,4345	2149,0022	3640,3569	2240,2421	9921	8	86027
445	3610,5908	2312,1282	3643,1258	2211,9025	81971	47	872407,5
446	4074,8590	2198,2184	4263,1786	2132,4037	26677	12	191383,5
447	4151,5320	2165,9826	4171,7091	2237,1699	306	2	5973
448	4158,2576	2221,0520	4229,5501	2272,0920	1209	3	12768
449	3968,5929	2094,7953	4084,5411	2204,1657	12059	23	87172,5
450	3984,7345	2117,6290	4037,1950	2105,5406	2233	3	15472
451	3955,1414	2208,9636	4064,0978	2227,7678	4737	4	55565
452	4049,3013	2363,4266	4053,3367	2222,3952	29604	36	262361
453	4006,7311	2360,8723	4015,2185	2237,5159	1323	4	13890
454	3977,4968	2295,8983	3982,2120	2238,4576	0	0	1954
455	3941,6612	2293,0734	4018,9906	2290,2484	1130	10	9752
456	3925,6294	2231,8660	3955,8068	2338,2726	7708	25	65491,5
457	3882,2495	2255,4073	3944,4903	2228,0994	1280	3	12633
458	3959,5790	2229,9827	3961,4650	2172,5420	2206	19	24328,5
459	3932,2307	2229,9827	3965,2372	2228,0994	345	8	5795
460	3926,5725	2189,4917	3967,1233	2192,3167	0	0	1940,5
461	4008,6172	2222,4495	4024,6489	2176,3086	1102	1	16862
462	3955,8068	2176,3086	4024,6489	2183,8418	922	14	13536
463	3870,3587	2224,1217	3890,4568	2208,4159	0	0	1949
464	3886,0876	2216,2688	3886,3789	2193,0010	1129	2	7812
465	3883,7574	2198,5271	3893,9521	2186,8932	2256	4	15607
466	3891,0394	2196,2003	3891,9132	2165,0796	3379	7	25297,5
467	3835,6967	2164,7888	3898,3213	2170,8966	6614	8	64271,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
416	9,5	0,000222772	0,02423469	0	0
417	150	0,000905212	0,05629574	0,00096748	0,0441177
418	600	0,003708227	0,05405162	0,003576546	0,0359849
419	47	0,000876391	0,07673469	0,001459043	0,0555556
420	146,5	0,001964616	0,04578125	0,002920694	0,0578947
421	4,5	0,00021867	0,04	0	0
422	-1	-1	-1	-1	-1
423	-1	-1	-1	-1	-1
424	129	0,001010019	0,07669441	0,000367695	0,0512821
425	534	0,005279874	0,03447831	0,00450491	0,0162602
426	391	0,001874733	0,09443304	0,000648029	0,0476191
427	410	0,002179015	0,08366493	0,000917932	0,057971
428	683	0,005154106	0,06408332	0,003975534	0,0321839
429	66	0,000504554	0,05074971	5,35E-05	0,025641
430	371	0,001391197	0,09581611	0,000577619	0,0809524
431	102	0,002278069	0,06278855	0,002573862	0,1060606
432	148	0,001557692	0,09785124	0,00138733	0,1238095
433	948,5	0,006749847	0,05542732	0,003948153	0,0317073
434	1141	0,01203718	0,04588872	0,009192363	0,0220408
435	309	0,004144656	0,008292074	0,003414865	0,0031328
436	845	0,003913797	0,09272977	0,001972772	0,0689655
437	316,5	0,00076042	0,03745562	0,000213837	0,0238095
438	495	0,00197709	0,04341915	0,000834484	0,026738
439	454	0,001446335	0,058112	0,000485044	0,0455841
440	111	0,000596374	0,01165721	0,000288158	0,005042
441	35	0,000440303	0,0182102	0	0,0128205
442	89	0,001041234	0,009346776	0,001170885	0,0033613
443	104	0,000442012	0,01719008	0	0
444	281	0,00980024	0,04105486	0,01293581	0,021164
445	1332	0,09938511	0,04033369	0,1068804	0,0274693
446	249,5	0,02180251	0,08871111	0,03478364	0,0434783
447	47	0,000680447	0,04255319	0,000398988	0,0190476
448	69	0,001454537	0,07463494	0,001576392	0,0454546
449	406	0,009930736	0,1150794	0,0157235	0,0608466
450	48	0,001762578	0,04166667	0,002911567	0,025
451	165	0,006329994	0,0515625	0,006176486	0,0133333
452	743	0,0298883	0,1163756	0,0386001	0,0681818
453	137,5	0,001582356	0,09090909	0,001725035	0,0380952
454	11	0,000222601	0,0415879	0	0
455	98,5	0,001110953	0,1439007	0,001473386	0,1515152
456	349	0,007460826	0,1466079	0,01005032	0,1190476
457	90	0,001439158	0,06407975	0,001668968	0,0220588
458	235,5	0,002771515	0,1018599	0,002876362	0,1111111
459	97	0,000660169	0,0776	0,000449839	0,0761905
460	8	0,000221063	0,01469238	0	0
461	44	0,001920928	0,03132787	0,001436877	0,0095238
462	242	0,001542028	0,1300726	0,001202179	0,1029412
463	2,5	0,000222031	0,078125	0	0
464	15	0,000889947	0,1333333	0,001472082	0,2
465	42	0,001777958	0,1242604	0,002941556	0,1428571
466	110	0,002881904	0,1247166	0,004405815	0,0897436
467	130	0,007321842	0,1228733	0,008623871	0,0879121

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
416	1	0,333333	0,25	4,116029	1,305529	5,77182
417	2	0,583333	0,25	4,03924	1,336656	6,283777
418	4	1,366667	0,3333333	4,013008	1,239038	6,66253
419	2	1,333333	0,4	4,101101	1,428771	6,415544
420	3	0,95	0,3	4,097347	1,406092	7,329322
421	1	0,5	0,3333333	4,102714	1,457542	4,983164
422	1	1	0,5	0,5	0,5	3
423	1	1	0,5	0,5	0,5	3
424	3	0,916667	0,3333333	4,022158	1,537246	6,367202
425	4	1,133333	0,2222222	4,418821	1,295372	5,999062
426	5	1,783333	0,3571429	4,491233	1,547201	6,157933
427	5	1,616667	0,3571429	4,442869	1,511566	6,070996
428	4	1,083333	0,2857143	4,475267	1,374506	6,082165
429	2	0,583333	0,2857143	4,493431	1,417438	5,936799
430	4	1,2	0,3333333	4,501771	1,489877	6,111508
431	2	0,666667	0,2857143	4,379429	1,4535	5,71886
432	3	1,25	0,375	4,427421	1,45282	5,967011
433	3	0,592857	0,1764706	4,497805	1,241143	6,051847
434	4	1,016667	0,2222222	4,431741	1,19707	6,008376
435	3	0,516667	0,1875	4,352892	1,028503	5,783828
436	5	1,083333	0,2777778	4,552837	1,480354	6,274677
437	3	0,642857	0,2307692	4,550194	1,335836	6,126204
438	4	0,926191	0,2857143	4,516355	1,303647	6,374299
439	4	1,033333	0,3333333	4,54099	1,362396	6,172841
440	2	0,583333	0,1428571	3,857074	1,188504	4,639753
441	2	1	0,5	3,860973	1,019738	4,117041
442	2	0,583333	0,1428571	3,857074	1,188504	4,639753
443	2	0,533333	0,2857143	3,848332	1,030783	4,863472
444	3	1,033333	0,3333333	3,855875	1,14553	5,062271
445	5	1,25	0,2083333	3,838395	1,262016	5,195162
446	5	2,533333	0,3571429	4,210496	1,511566	18,1988
447	2	0,7	0,25	4,182833	1,399397	14,31787
448	2	1	0,4	4,124465	1,261944	12,34684
449	5	1,7	0,3125	4,153919	1,485822	18,36989
450	2	0,7	0,25	4,160191	1,368261	14,08934
451	3	0,866667	0,2307692	4,094495	1,389272	16,91177
452	6	1,95	0,3157895	4,065973	1,492753	19,71906
453	3	1,083333	0,375	4,029949	1,45282	15,27417
454	1	0,333333	0,25	4,052307	1,375	9,011708
455	3	1,533333	0,375	4,050086	1,541596	14,21203
456	5	1,916667	0,3846154	4,044524	1,538983	17,99909
457	2	0,7	0,25	4,071349	1,336656	14,20985
458	5	2,416667	0,4545455	4,144789	1,518401	17,23556
459	2	0,7	0,25	4,118642	1,399397	14,17092
460	1	0,2	0,1666667	4,1477	1,362243	10,7012
461	2	0,583333	0,2857143	4,134585	1,341917	14,11376
462	4	1,533333	0,4	4,189222	1,515505	16,55127
463	1	0,5	0,3333333	3,990027	1,5	5,489085
464	2	1,5	0,5	3,988414	1,487469	7,49785
465	2	0,833333	0,3333333	3,986192	1,538847	10,6804
466	3	1,083333	0,375	3,982043	1,516497	13,75365
467	3	0,833333	0,3	3,950958	1,521478	14,77018

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
416	2,352941	0,6514355	0,7391852	0,6514355	0,7391852	0,3712109
417	5	0,7111071	1,290615	0,7111071	1,290615	0,3746341
418	9,125926	0,7501906	1,742916	0,7501906	1,742916	0,376755
419	3,333333	0,6587216	0,9166667	0,6587216	0,9166667	0,3716418
420	6,769231	0,7201784	1,489664	0,7201784	1,489664	0,3751344
421	1,6	0,6068518	0,4223924	0,6068518	0,4223924	0,3684874
422	3	-1	-1	-1	-1	-1
423	3	-1	-1	-1	-1	-1
424	5,454545	0,6840352	1,387368	0,6840352	1,387368	0,3731104
425	10,90147	0,6911209	1,999941	0,6911209	1,999941	0,3735137
426	8,888889	0,5904402	1,875	0,5904402	1,875	0,3674449
427	9,617486	0,6358073	1,841604	0,6358073	1,841604	0,3702735
428	9,525291	0,6491749	1,796334	0,6491749	1,796334	0,3710764
429	4,48	0,5714839	1,15614	0,5714839	1,15614	0,3662117
430	8,115942	0,5999826	1,666667	0,5999826	1,666667	0,3680538
431	4,363636	0,6450056	1,136567	0,6450056	1,136567	0,3708274
432	5,647059	0,6033595	1,31797	0,6033595	1,31797	0,3682674
433	8,883827	0,6558238	1,932186	0,6558238	1,932186	0,3714709
434	11,19739	0,698764	2,041656	0,698764	2,041656	0,3739451
435	9,081081	0,7499547	2,017415	0,7499547	2,017415	0,3767425
436	11,1032	0,6179755	2,032694	0,6179755	2,032694	0,3691814
437	7,890411	0,6143544	1,70019	0,6143544	1,70019	0,3689566
438	9,786407	0,6260449	1,820729	0,6260449	1,820729	0,3696787
439	8,784314	0,6141567	1,692666	0,6141567	1,692666	0,3689443
440	6,285714	0,8474795	1,761213	0,8474795	1,761213	0,3816797
441	2,5	0,7636405	0,9909774	0,7636405	0,9909774	0,3774647
442	6,285714	0,8474795	1,761213	0,8474795	1,761213	0,3816797
443	4,983606	0,841871	1,399576	0,841871	1,399576	0,3814082
444	6,857143	0,8425401	1,549062	0,8425401	1,549062	0,3814406
445	14,11765	0,9441785	2,257267	0,9441785	2,257267	0,3861521
446	9,617486	0,5559655	1,841604	0,5559655	1,841604	0,3651777
447	4,848485	0,5519451	1,25521	0,5519451	1,25521	0,364906
448	3,555556	0,5864481	1,010281	0,5864481	1,010281	0,3671878
449	10,61224	0,5719293	1,936327	0,5719293	1,936327	0,366241
450	4,931507	0,5325365	1,272626	0,5325365	1,272626	0,3635722
451	7,672131	0,6280642	1,679492	0,6280642	1,679492	0,3698023
452	12,63158	0,679166	2,116398	0,679166	2,116398	0,3728313
453	5,647059	0,6687876	1,31797	0,6687876	1,31797	0,3722311
454	2,285714	0,5710734	0,6895725	0,5710734	0,6895725	0,3661846
455	5,106383	0,616777	1,298933	0,616777	1,298933	0,3691071
456	8,811189	0,670244	1,8	0,670244	1,8	0,3723157
457	5	0,6222071	1,290615	0,6222071	1,290615	0,3694428
458	7,826087	0,58764	1,673451	0,58764	1,673451	0,3672647
459	4,848485	0,5834357	1,25521	0,5834357	1,25521	0,3669929
460	2,758621	0,5460069	0,947875	0,5460069	0,947875	0,364502
461	4,645161	0,5865202	1,198155	0,5865202	1,198155	0,3671924
462	6,956522	0,5523286	1,536447	0,5523286	1,536447	0,364932
463	1,333333	0,514724	0,3333333	0,514724	0,3333333	0,3623136
464	2	0,5515622	0,698045	0,5515622	0,698045	0,3648801
465	3,428571	0,5940059	0,9855802	0,5940059	0,9855802	0,3676733
466	5,333333	0,6434397	1,300658	0,6434397	1,300658	0,3707336
467	5,714286	0,6969774	1,471094	0,6969774	1,471094	0,3738446

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
416	0,3915459	0,348506	1,06816	78,26483	12,82082	2,5
417	0,4306765	0,373335	1,002492	53,11607	11,82889	2,470588
418	0,4407286	0,391298	0,842546	66,38008	11,26473	2,545455
419	0,4184144	0,351127	1,298883	41,97528	12,69007	2,333333
420	0,4418155	0,383537	1,093627	61,9171	11,69249	2,4
421	0,3413031	0,323603	1,821928	17,29633	13,68927	2,25
422	-1	-1	-1	1,2635	1	1
423	-1	-1	-1	1,333624	1	1
424	0,4588	0,357602	1,537246	65,33232	12,25747	2,153846
425	0,4481597	0,396939	0,898403	81,83067	12,14205	2,5
426	0,4713155	0,344667	1,479931	59,4155	14,04197	2,142857
427	0,4609398	0,367155	1,303074	200,84	13,11138	2,25
428	0,4476358	0,377608	1,014517	160,3149	12,86199	2,433333
429	0,4298593	0,333764	1,167302	70,75917	14,47458	2,384615
430	0,4544722	0,351059	1,260665	87,50235	13,83454	2,285714
431	0,432429	0,367148	1,2597	38,18452	12,93866	2,333333
432	0,4404695	0,347205	1,223427	61,54836	13,76271	2,333333
433	0,4451798	0,383397	0,840774	65,7396	12,74173	2,536585
434	0,4453446	0,402502	0,782699	169,9765	12,02018	2,58
435	0,4409558	0,424305	0,627928	39,09097	11,26796	2,684211
436	0,4628476	0,36569	1,240297	97,19115	13,46086	2,266667
437	0,4437556	0,363336	0,968481	149,8242	13,5343	2,464286
438	0,4446417	0,367497	0,912553	121,2741	13,30024	2,5
439	0,4446625	0,362484	1,003871	107,4938	13,53834	2,444444
440	0,4399884	0,424871	0,792336	57,74951	10,08636	2,571429
441	0,4080946	0,383223	0,713817	42,70022	11,08394	2,615385
442	0,4399884	0,424871	0,792336	62,13625	10,08636	2,571429
443	0,4251384	0,421102	0,653668	57,47196	10,14689	2,68
444	0,4329037	0,422263	0,755009	91,5022	10,13963	2,607143
445	0,4511794	0,471062	0,850797	105,3742	9,155771	2,525424
446	0,4609398	0,304255	1,303074	199,489	14,85069	2,25
447	0,4334107	0,30007	1,119518	73,99152	14,95157	2,4
448	0,4148074	0,31438	0,965016	87,67948	14,13075	2,5
449	0,4598604	0,308786	1,231109	159,3922	14,46408	2,285714
450	0,4318379	0,287951	1,057293	53,83524	15,46005	2,4375
451	0,4469399	0,334245	1,062384	110,5671	13,26069	2,4
452	0,4636226	0,358924	1,237892	141,0891	12,33818	2,272727
453	0,4404695	0,350308	1,223427	123,648	12,51412	2,333333
454	0,3890756	0,300782	1,222222	57,63394	14,48426	2,428571
455	0,454309	0,324677	1,541596	77,38106	13,48507	2,166667
456	0,4653383	0,35234	1,410734	110,6031	12,4891	2,190476
457	0,4306765	0,329255	1,002492	67,96792	13,37611	2,470588
458	0,4609117	0,316572	1,380365	57,47169	14,10412	2,210526
459	0,4334107	0,312324	1,119518	33,06017	14,19855	2,4
460	0,4162897	0,294348	1,152667	40,64912	15,10331	2,4
461	0,4268879	0,31519	1,022413	48,84669	14,12914	2,466667
462	0,4553405	0,300737	1,363954	69,25304	14,94189	2,235294
463	0,3154649	0,266935	3	25,50699	15,96045	2
464	0,4306765	0,285924	2,231203	23,26964	14,96126	2
465	0,4428109	0,307757	1,731203	15,46867	13,96368	2,125
466	0,4481203	0,333023	1,415397	31,13297	12,96772	2,230769
467	0,462555	0,357918	1,521478	62,92176	12,04843	2,142857

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
416	12,21671	2,428571	1240	9	0,019097	0,428571
417	11,31695	2,493151	1240	18	0,017494	0,183824
418	10,80477	2,496644	1240	34	0,016583	0,096591
419	12,04797	2,342857	1240	10	0,018885	0,333333
420	11,0494	2,35	1240	21	0,017274	0,147368
421	13,04749	2,333333	1240	5	0,0205	0,833333
422	0,5	0,5	2	2	-1	-1
423	0,5	0,5	2	2	-1	-1
424	11,79809	2,224138	1240	14	0,018187	0,192308
425	11,1401	2,392045	1240	43	0,018	0,073171
426	13,03246	2,230769	1240	22	0,021069	0,114286
427	12,11098	2,222222	1240	25	0,019566	0,108696
428	11,81169	2,417808	1240	31	0,019163	0,098851
429	13,42697	2,313725	1240	14	0,021768	0,230769
430	12,78449	2,215909	1240	22	0,020734	0,128571
431	11,94439	2,45614	1240	13	0,019287	0,242424
432	12,74797	2,236364	1240	16	0,020618	0,190476
433	11,67064	2,448649	1240	42	0,018969	0,076829
434	10,99189	2,484305	1240	51	0,017803	0,06449
435	10,27446	2,589744	1240	58	0,016588	0,06015
436	12,35871	2,192593	1240	31	0,020131	0,087356
437	12,43079	2,4	1240	29	0,020249	0,108466
438	12,20644	2,364239	1240	35	0,019871	0,090909
439	12,44105	2,376	1240	28	0,020256	0,111111
440	9,75537	2,42029	1240	36	0,014679	0,092437
441	10,75346	2,580645	1240	14	0,016291	0,269231
442	9,75537	2,42029	1240	36	0,014679	0,092437
443	9,777327	2,554545	1240	26	0,014777	0,14
444	9,772077	2,504273	1240	29	0,014765	0,119048
445	8,78401	2,439689	1240	60	0,013176	0,052601
446	14,621	2,16	1240	25	0,022376	0,108696
447	14,69618	2,297872	1240	16	0,022539	0,2
448	13,82983	2,44186	1240	13	0,021213	0,272727
449	14,2673	2,119048	1240	29	0,021751	0,095238
450	15,26492	2,25	1240	17	0,02336	0,191667
451	12,91742	2,225	1240	26	0,019807	0,116667
452	11,97948	2,159292	1240	34	0,018317	0,079545
453	12,11289	2,254545	1240	16	0,018601	0,190476
454	14,08974	2,26087	1240	8	0,021784	0,476191
455	13,09021	1,972973	1240	13	0,02017	0,212121
456	12,09356	2,115942	1240	22	0,018561	0,119048
457	13,00644	2,301887	1240	18	0,019994	0,183824
458	13,8	2,176471	1240	20	0,02117	0,134503
459	13,87375	2,28	1240	16	0,021322	0,2
460	14,79952	2,242424	1240	11	0,022784	0,311111
461	13,81981	2,320755	1240	16	0,02121	0,209524
462	14,68138	2,180328	1240	18	0,022523	0,154412
463	15,63484	1,875	1240	4	0,024169	1
464	14,63532	2	1240	6	0,022555	0,5
465	13,63675	2,076923	1240	9	0,020943	0,321429
466	12,63914	2,047619	1240	14	0,019334	0,205128
467	11,69785	1,934783	1240	15	0,017849	0,175824

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
416	0,557188	0,076923	1,535071	1,352841	3,788026	1,796202	4190
417	0,578916	0,193548	1,406258	0,774824	3,655611	1,931203	4190
418	0,585057	0,190476	1,332995	0,573751	3,601271	2,181888	4190
419	0,562086	0,2	1,518092	1,090909	3,762566	1,626499	4190
420	0,58422	0,243243	1,388545	0,671292	3,677672	1,847193	4190
421	0,541446	0	1,647849	2,367467	3,847133	1,203369	4190
422	-1	-1	-1	-1	0,221348	0,2213475	2
423	-1	-1	-1	-1	0,221348	0,2213475	2
424	0,562251	0,347826	1,461913	0,720789	3,697402	1,442507	4190
425	0,657665	0,222222	1,446925	0,500015	4,063564	2,09592	4190
426	0,621879	0,384615	1,693652	0,533333	4,192113	1,507895	4190
427	0,63868	0,333333	1,572804	0,543005	4,113912	1,658128	4190
428	0,64612	0,245614	1,540417	0,556689	4,178359	1,951137	4190
429	0,609337	0,217391	1,749831	0,864947	4,22892	1,743324	4190
430	0,627893	0,307692	1,666715	0,6	4,219139	1,687285	4190
431	0,63319	0,238095	1,550374	0,879843	3,996742	1,650112	4190
432	0,619248	0,259259	1,657387	0,758743	4,090403	1,717567	4190
433	0,649707	0,202532	1,5248	0,517549	4,209321	2,165105	4190
434	0,66141	0,185567	1,431098	0,489798	4,116518	2,26154	4190
435	0,674796	0,135135	1,333414	0,495684	3,988937	2,498204	4190
436	0,638727	0,333333	1,618187	0,491958	4,277501	1,708227	4190
437	0,636598	0,226415	1,627725	0,58817	4,266955	1,993729	4190
438	0,633045	0,215385	1,59733	0,549231	4,177638	2,081924	4190
439	0,636481	0,235294	1,628249	0,590784	4,259549	1,969265	4190
440	0,646675	0,179105	1,17997	0,56779	3,394766	2,221785	4190
441	0,622253	0,086957	1,309517	1,009105	3,513606	2,321246	4190
442	0,646675	0,179105	1,17997	0,56779	3,394766	2,221785	4190
443	0,630245	0,106383	1,18783	0,714502	3,392888	2,432335	4190
444	0,630538	0,150943	1,186887	0,645552	3,394541	2,296016	4190
445	0,656713	0,217391	1,059122	0,443014	3,27044	2,166866	4190
446	0,461413	0,333333	1,798673	0,543005	4,138808	1,658128	4190
447	0,45749	0,222222	1,811774	0,79668	4,082789	1,793915	4190
448	0,469201	0,142857	1,705181	0,989823	3,954683	1,981582	4190
449	0,455726	0,320755	1,748468	0,516442	4,091171	1,721136	4190
450	0,437718	0,206897	1,877806	0,785777	4,15175	1,865005	4190
451	0,483931	0,255319	1,592194	0,595418	3,891815	1,878421	4190
452	0,502215	0,333333	1,472394	0,472501	3,79447	1,719916	4190
453	0,49449	0,259259	1,495243	0,758743	3,758875	1,717567	4190
454	0,45491	0,090909	1,751088	1,450174	3,942235	1,633073	4190
455	0,474487	0,333333	1,621331	0,769863	3,860508	1,44442	4190
456	0,495588	0,358974	1,491994	0,555556	3,775115	1,567723	4190
457	0,479073	0,193548	1,607182	0,774824	3,866979	1,931203	4190
458	0,470277	0,342857	1,701722	0,597567	4,005294	1,608443	4190
459	0,46646	0,222222	1,713985	0,79668	3,975414	1,793915	4190
460	0,45159	0,176471	1,831479	1,054991	4,068804	1,716576	4190
461	0,469266	0,185185	1,704971	0,834617	3,978328	1,907333	4190
462	0,457867	0,322581	1,810516	0,650852	4,118496	1,602959	4190
463	0,418259	0	1,942789	3	4,065667	0,8102832	4190
464	0,435628	0,285714	1,813032	1,432572	3,978281	1,11201	4190
465	0,454342	0,307692	1,683485	1,014631	3,885557	1,293768	4190
466	0,474576	0,304348	1,554147	0,768842	3,790209	1,542594	4190
467	0,493094	0,36	1,434767	0,679766	3,684232	1,452729	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
416	28	15885	20
417	73	14656	42
418	149	13957	84
419	35	15723	21
420	80	14487	48
421	15	16961	9
422	2	-1	-1
423	2	-1	-1
424	58	15187	28
425	176	15044	105
426	91	17398	45
427	99	16245	54
428	146	15936	73
429	51	17934	31
430	88	17141	48
431	57	16031	28
432	55	17052	35
433	185	15787	104
434	223	14893	129
435	273	13961	153
436	135	16678	68
437	130	16769	69
438	151	16479	85
439	125	16774	66
440	138	12497	90
441	62	13733	34
442	138	12497	90
443	110	12572	67
444	117	12563	73
445	257	11344	149
446	75	18400	54
447	47	18525	36
448	43	17508	30
449	84	17921	64
450	48	19155	39
451	80	16430	60
452	113	15287	75
453	55	15505	35
454	23	17946	17
455	37	16708	26
456	69	15474	46
457	53	16573	42
458	68	17475	42
459	50	17592	36
460	33	18713	24
461	53	17506	37
462	61	18513	38
463	8	19775	6
464	15	18537	10
465	26	17301	17
466	42	16067	29
467	46	14928	30

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
468	3834,5316	2183,4030	3847,0566	2143,0020	56136	19	510295
469	3837,1531	2151,7006	3906,4771	2139,7759	29708	9	257892
470	3895,3859	2137,1751	3907,9652	2166,9487	998	9	16635
471	3888,3974	2174,8573	3910,2947	2158,5749	1943	13	25229
472	3896,3177	2159,9705	3953,1574	2161,8314	1247	13	17634,5
473	3941,9758	2157,6445	3962,4754	2181,3703	463	16	9701
474	4014,1902	2183,6963	4050,5304	2156,2488	612	10	7501
475	3903,3062	2106,0059	3981,1114	2096,2364	22627	19	173770
476	3897,7154	2146,9446	3920,0786	2101,8190	28125	20	230605
477	3883,7384	2084,1409	3916,8173	2114,3797	9625	11	77047
478	3819,9102	2085,5366	3894,9200	2085,5366	16702	20	136149
479	3838,0803	2114,8449	3848,3301	2155,3184	17139	8	167907,5
480	3830,1600	2119,9623	3852,9891	2119,9623	16121	6	158911
481	3831,0918	2082,2801	3832,4895	2123,6840	15183	10	150553,5
482	3969,2147	2025,8484	3973,5822	2105,1653	10202	19	72766
483	3915,1320	2028,9112	3974,4933	2028,9112	2241	4	15602
484	4019,8873	2115,3812	4028,2677	2093,0663	1136	2	7743
485	4019,1889	2100,0397	4098,1046	2086,7903	0	0	1967,5
486	4243,3652	2132,8146	4309,0119	2161,4055	23437	4	164865
487	4297,8380	2168,3789	4315,9956	2142,5774	22342	4	157312
488	4236,3816	2094,4610	4319,4874	2151,6428	21277	6	147775
489	4139,3083	2067,2648	4258,0310	2105,6184	0	0	1960
490	4303,4249	2148,1561	4338,3434	2123,0519	19074	4	134350
491	4325,0744	2126,5386	4357,8977	2120,9599	17981	3	126672
492	4343,9303	2125,1439	4400,4982	2011,4777	16881	4	118968
493	4322,9793	1911,7583	4402,5933	2021,2405	15820	7	109430
494	3964,8381	2064,5286	3997,9769	2067,2861	5732	5	41750
495	3989,6922	2070,0436	3999,3577	2049,3624	4612	3	33946
496	3991,0730	2021,7875	4004,8808	2006,6213	0	0	1948,5
497	3983,4787	2016,9619	3996,5961	1995,5913	0	0	1967
498	3984,1691	2007,3107	4016,6175	2043,1581	2261	8	16938,5
499	3912,3684	2002,4851	3919,9627	2032,8175	1127	2	7786
500	3895,7990	1996,9701	3921,3435	2010,0682	0	0	1948
501	3902,7029	2057,6349	3928,2474	2052,8093	0	0	1946,5
502	3907,5356	2044,5368	3908,9164	2060,3924	1127	2	7777
503	3891,6566	2048,6731	3912,3684	2045,2262	2249	3	15562
504	3890,9662	2036,2643	3895,7990	2051,4306	3375	3	23389
505	3879,2296	2039,0218	3899,2509	2038,3325	4504	3	31255
506	3879,2296	2010,0682	3880,6104	2048,6731	5634	3	39105
507	3850,9235	2052,1199	3884,0623	2042,4687	6759	5	46913
508	3848,1620	2027,3025	3862,6602	2088,6567	13523	15	107813
509	3822,6175	2052,1199	3839,1869	2023,1663	37	3	6095,5
510	3824,6887	2028,6813	3853,6851	2030,7494	4704	9	46579,5
511	3796,3826	2050,7412	3832,9734	2048,6731	241	4	6938
512	3798,4538	2019,0300	3808,1193	2085,8992	1337	9	16569
513	3771,5285	2047,9837	3835,0445	2092,1036	9313	26	86639,5
514	3699,0374	2050,0518	3763,2438	2036,9537	4264	2	39936
515	3753,5784	2036,9537	3780,5036	2046,6049	4412	3	41614
516	3775,6709	2056,2562	3777,0517	2041,0900	5011	7	46174
517	3701,7990	2094,1717	3703,8702	1996,2807	4932	9	45786
518	3683,1584	2025,9238	3692,1335	1996,9701	592	0	9734
519	3655,5428	2017,6513	3709,3933	2030,0600	5921	16	53779

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
468	242	0,05813307	0,1016593	0,07319468	0,1397059
469	220	0,02937919	0,104142	0,03873571	0,0588235
470	257	0,001895068	0,104898	0,001301273	0,0526316
471	210	0,002874101	0,1292705	0,002533441	0,1083333
472	271,5	0,002008931	0,1368103	0,00162594	0,0760234
473	283,5	0,001105143	0,1575	0,000603697	0,1176471
474	199	0,000854518	0,09136823	0,000797975	0,0432901
475	372	0,01979597	0,09607438	0,02950292	0,0541311
476	403	0,02627064	0,1169981	0,03667166	0,0724638
477	265	0,008777234	0,07511338	0,01254986	0,0366667
478	327	0,01551016	0,1261574	0,02177742	0,0865801
479	106,5	0,01912811	0,06331748	0,02234722	0,0666667
480	116	0,01810322	0,08919647	0,02101987	0,0571429
481	149,5	0,01715113	0,09884298	0,01979683	0,0735294
482	184	0,00828954	0,08448117	0,0133022	0,0822511
483	58	0,001777388	0,08033241	0,002921998	0,0606061
484	17	0,000882087	0,0544	0,001481209	0,0952381
485	3,5	0,000224139	0,07	0	0
486	51	0,01878151	0,04820416	0,03055906	0,0333333
487	44	0,01792106	0,1122449	0,02913132	0,0888889
488	34,5	0,0168346	0,1911357	0,02774268	0,2857143
489	3	0,000223284	0,04166667	0	0
490	27	0,01530522	0,1868512	0,02487023	0,1904762
491	29	0,01443054	0,1606648	0,02344509	0,1071429
492	33	0,0135529	0,165	0,02201082	0,1428571
493	47,5	0,01246632	0,196281	0,0206274	0,1944444
494	68	0,004756182	0,07709751	0,007473847	0,0641026
495	43	0,003867146	0,1272189	0,006013501	0,0833333
496	4	0,000221974	0,09876543	0	0
497	4	0,000224082	0,09876543	0	0
498	23	0,001929643	0,3801653	0,002948076	0,8
499	19	0,000886985	0,095	0,001469474	0,1333333
500	3	0,000221917	0,07407407	0	0
501	2	0,000221746	0,08163265	0	0
502	8	0,00088596	0,1975309	0,001469474	0,3333333
503	15	0,001772831	0,2479339	0,002932429	0,3
504	19	0,002664487	0,2248521	0,004400599	0,2
505	21	0,003560586	0,1866667	0,005872681	0,2
506	32	0,004454862	0,16	0,007346067	0,1428571
507	61	0,005344353	0,09959184	0,008812933	0,0909091
508	174,5	0,01228211	0,1196845	0,01763239	0,0980392
509	64	0,000694403	0,1107266	4,82E-05	0,0545455
510	112,5	0,005306361	0,140625	0,006133458	0,1153846
511	67	0,000790381	0,1093878	0,000314235	0,0727273
512	115	0,001887549	0,14375	0,001743289	0,1153846
513	256,5	0,009870017	0,1897189	0,01214305	0,1911765
514	46	0,00454953	0,07958478	0,00555975	0,0444445
515	51	0,004740688	0,09366391	0,005752724	0,0666667
516	82	0,005260166	0,1265432	0,006533749	0,1060606
517	118,5	0,005215965	0,09870887	0,006430742	0,0857143
518	39	0,001108902	0,03851852	0,000771898	0
519	228	0,006126531	0,1507438	0,007720281	0,1045752

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
468	4	1,416667	0,3636364	3,925816	1,540415	16,85767
469	4	1,083333	0,3333333	3,98368	1,534722	16,6801
470	4	1,083333	0,3333333	4,039721	1,523257	16,91388
471	4	1,25	0,4	4,016589	1,537546	15,68202
472	3	0,833333	0,3	4,079119	1,431635	15,6046
473	3	0,783333	0,2727273	4,127037	1,490604	15,94459
474	2	0,45	0,2	4,174717	1,293964	14,86465
475	4	1,033333	0,3076923	4,101592	1,399829	17,68333
476	4	1,083333	0,3333333	4,049028	1,427814	17,55338
477	3	0,75	0,2727273	4,095602	1,326972	16,48402
478	4	1,2	0,3076923	4,139684	1,491264	16,99489
479	3	1	0,3333333	3,971517	1,47264	15,37155
480	2	0,666667	0,2857143	3,999648	1,341917	13,31425
481	3	0,95	0,3	4,066149	1,479115	15,18876
482	4	1,45	0,3333333	4,13264	1,470136	16,93203
483	2	0,75	0,2857143	4,138266	1,4535	13,16092
484	2	1,5	0,5	4,163102	1,375	9,547896
485	1	0,5	0,3333333	4,164714	1,5	6,611835
486	2	0,7	0,25	4,226196	1,368261	14,32148
487	2	0,833333	0,3333333	4,241189	1,475435	12,68661
488	3	2	0,5	4,254477	1,530639	10,88848
489	1	0,333333	0,25	4,256698	1,487469	7,972668
490	2	0,833333	0,3333333	4,267801	1,530639	10,15685
491	2	1	0,4	4,279862	1,484378	9,706523
492	2	0,833333	0,3333333	4,290565	1,538847	9,555255
493	3	1,5	0,4285714	4,297217	1,563269	8,621875
494	2	0,75	0,2857143	4,140426	1,417438	13,3499
495	2	1	0,4	4,147146	1,428771	11,20613
496	1	0,333333	0,25	4,154287	1,457542	5,143699
497	1	0,333333	0,25	4,154287	1,457542	5,143699
498	3	2,5	0,6	4,152065	1,361654	6,133104
499	2	1,5	0,5	4,140883	1,44132	9,031891
500	1	0,5	0,3333333	4,142496	1,5	6,368284
501	1	0,5	0,3333333	4,178533	1,5	3,84425
502	2	1,5	0,5	4,17692	1,457542	4,471032
503	2	1	0,4	4,175307	1,487469	5,405841
504	2	1	0,4	4,173694	1,549161	6,949711
505	2	1	0,4	4,171473	1,549161	9,017287
506	2	1	0,4	4,166287	1,530639	10,3784
507	2	0,833333	0,3333333	4,160495	1,430827	12,26905
508	3	1,083333	0,3	4,153403	1,456248	15,09159
509	3	1,166667	0,4285714	4,185501	1,526264	12,29401
510	3	1	0,375	4,168624	1,516497	13,64913
511	2	0,666667	0,2857143	4,145843	1,485412	11,79486
512	3	1,2	0,375	4,134052	1,516497	13,56693
513	5	1,916667	0,4545455	4,124958	1,556553	16,00787
514	2	0,833333	0,3333333	4,115129	1,475435	11,99823
515	2	1	0,4	4,127762	1,371322	12,10302
516	2	0,7	0,25	4,151711	1,475846	13,21464
517	3	1,083333	0,3333333	4,13719	1,498999	16,93141
518	2	0,583333	0,2857143	4,135913	1,417438	12,96964
519	4	1,333333	0,3636364	4,127125	1,523838	16,09071

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
468	7,148936	0,763396	1,613269	0,763396	1,613269	0,3774519
469	7,466667	0,7047514	1,682845	0,7047514	1,682845	0,3742805
470	7,724138	0,6526386	1,673451	0,6526386	1,673451	0,3712823
471	6,746988	0,6486894	1,540548	0,6486894	1,540548	0,3710475
472	6,666667	0,6047746	1,480361	0,6047746	1,480361	0,3683567
473	6,461538	0,5663614	1,536447	0,5663614	1,536447	0,3658728
474	5,557252	0,5344456	1,46529	0,5344456	1,46529	0,3637051
475	9,056603	0,6114017	1,73721	0,6114017	1,73721	0,3687725
476	8,51462	0,6555534	1,674186	0,6555534	1,674186	0,3714549
477	7,368421	0,6107755	1,588708	0,6107755	1,588708	0,3687333
478	8,421053	0,5703906	1,726948	0,5703906	1,726948	0,3661395
479	6,075949	0,7024683	1,393829	0,7024683	1,393829	0,3741529
480	4,645161	0,6482487	1,198155	0,6482487	1,198155	0,3710212
481	6,4	0,6063504	1,466608	0,6063504	1,466608	0,3684559
482	8,268456	0,5695394	1,667398	0,5695394	1,667398	0,3660833
483	4,363636	0,5304639	1,136567	0,5304639	1,136567	0,3634275
484	2,285714	0,4981685	0,7661917	0,4981685	0,7661917	0,3611123
485	1,333333	0,4679217	0,3333333	0,4679217	0,3333333	0,3588328
486	4,931507	0,5197997	1,272626	0,5197997	1,272626	0,3626758
487	3,870968	0,4880018	1,020788	0,4880018	1,020788	0,3603587
488	3	0,4598257	1,149287	0,4598257	1,149287	0,3582028
489	2	0,4339348	0,5817041	0,4339348	0,5817041	0,3561265
490	3	0,4346464	0,9851035	0,4346464	0,9851035	0,3561849
491	3,2	0,412046	0,8870222	0,412046	0,8870222	0,3542924
492	3,428571	0,3916475	0,9855802	0,3916475	0,9855802	0,3525115
493	4	0,3731442	1,222222	0,3731442	1,222222	0,3508305
494	4,48	0,5306409	1,15614	0,5306409	1,15614	0,3634399
495	3,333333	0,4966644	0,9166667	0,4966644	0,9166667	0,3610016
496	1,6	0,4163797	0,5279905	0,4163797	0,5279905	0,3546616
497	1,6	0,4163797	0,5279905	0,4163797	0,5279905	0,3546616
498	1,714286	0,4401607	1,163408	0,4401607	1,163408	0,3566346
499	2,181818	0,4963544	0,7278196	0,4963544	0,7278196	0,3609788
500	1,333333	0,4663208	0,3333333	0,4663208	0,3333333	0,3587089
501	1,333333	0,3593027	0,3333333	0,3593027	0,3333333	0,3495287
502	1,6	0,3768733	0,7039874	0,3768733	0,7039874	0,3511746
503	2	0,3962178	0,8725563	0,3962178	0,8725563	0,3529168
504	2,666667	0,417619	0,8491229	0,417619	0,8491229	0,3547666
505	2,666667	0,4414233	0,8491229	0,4414233	0,8491229	0,356737
506	3	0,4680595	0,8619656	0,4680595	0,8619656	0,3588434
507	4	0,4980645	1,044581	0,4980645	1,044581	0,3611047
508	6,545455	0,5321207	1,472489	0,5321207	1,472489	0,3635432
509	4,615385	0,4703438	1,205285	0,4703438	1,205285	0,3590196
510	5,333333	0,4988718	1,300658	0,4988718	1,300658	0,361164
511	4,210526	0,4972339	1,119194	0,4972339	1,119194	0,3610436
512	5,333333	0,5307	1,300658	0,5307	1,300658	0,363444
513	7,368421	0,5693694	1,698178	0,5693694	1,698178	0,3660721
514	3,870968	0,5083071	1,020788	0,5083071	1,020788	0,3618517
515	3,428571	0,5140861	0,947875	0,5140861	0,947875	0,3622679
516	4,444445	0,5348951	1,212338	0,5348951	1,212338	0,3637364
517	5,915493	0,5081988	1,387337	0,5081988	1,387337	0,3618439
518	4,48	0,4919777	1,15614	0,4919777	1,15614	0,3606549
519	7,384615	0,5249766	1,606352	0,5249766	1,606352	0,3630422

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
468	0,4627564	0,389534	1,45934	42,29794	11,08717	2,176471
469	0,4652968	0,364908	1,457986	70,34215	11,92655	2,166667
470	0,4609117	0,342677	1,38478	32,32188	12,79903	2,210526
471	0,4598584	0,338653	1,452127	27,28752	12,87086	2,1875
472	0,4435675	0,320641	1,145308	56,87018	13,73285	2,368421
473	0,4553405	0,303801	1,341543	31,35519	14,59645	2,235294
474	0,4353662	0,289992	0,930036	45,5409	15,40839	2,5
475	0,4478377	0,32594	1,05933	78,41613	13,59483	2,407408
476	0,4483752	0,345001	1,11548	50,36299	12,74657	2,375
477	0,4400618	0,325131	0,958368	44,81736	13,60775	2,48
478	0,4568331	0,3069	1,270336	75,0098	14,5004	2,272727
479	0,4447414	0,362616	1,251744	41,75116	11,96207	2,3125
480	0,4268879	0,336996	1,022413	22,82907	12,87893	2,466667
481	0,4484876	0,320454	1,267812	41,42746	13,69976	2,294118
482	0,4520723	0,305921	1,207612	79,43707	14,52058	2,318182
483	0,432429	0,285318	1,2597	59,36133	15,51655	2,333333
484	0,4077324	0,269555	1,375	23,8366	16,45763	2,285714
485	0,3154649	0,253286	3	80,02019	17,45682	2
486	0,4318379	0,285523	1,057293	71,60252	15,81437	2,4375
487	0,4283173	0,269006	1,352482	31,55023	16,77966	2,3
488	0,5	0,254268	2,449023	100,8778	17,74657	1,857143
489	0,3868528	0,240076	1,784963	124,7641	18,74576	2,2
490	0,4603911	0,241097	2,040852	43,00603	18,71671	2
491	0,422549	0,229206	1,484378	33,29404	19,68846	2,25
492	0,4428109	0,218403	1,731203	126,9643	20,66182	2,125
493	0,4731973	0,208407	1,954086	135,3689	21,6368	2
494	0,4298593	0,285563	1,167302	33,25329	15,5117	2,384615
495	0,4184144	0,267711	1,298883	22,82833	16,50444	2,333333
496	0,3962406	0,224821	2,429237	20,51023	19,49395	2
497	0,3962406	0,224821	2,429237	25,07525	19,49395	2
498	0,6309298	0,237535	4,084962	48,35219	18,49475	1,6
499	0,4135437	0,26714	1,68154	31,26866	16,51412	2,166667
500	0,3154649	0,251073	3	28,70679	17,51332	2
501	0,3154649	0,195134	3	25,99631	22,4318	2
502	0,5	0,204597	3,643856	15,91559	21,43261	1,75
503	0,5	0,215016	2,974937	20,9966	20,43503	1,8
504	0,4491222	0,226543	2,168826	15,91759	19,43906	2
505	0,4491222	0,239329	2,168826	20,03322	18,44471	2
506	0,4308271	0,253456	1,749302	38,62958	17,45198	2,142857
507	0,4251371	0,26933	1,226423	34,51559	16,46086	2,363636
508	0,4457466	0,287256	1,202987	63,04393	15,47135	2,333333
509	0,4488558	0,255868	1,526264	33,35955	17,37207	2,181818
510	0,4481203	0,270294	1,415397	29,07008	16,43583	2,230769
511	0,4362514	0,267934	1,37115	36,64914	16,48668	2,272727
512	0,4481203	0,285155	1,415397	67,56411	15,51009	2,230769
513	0,4708178	0,305261	1,556553	77,33595	14,52462	2,117647
514	0,4283173	0,271872	1,352482	65,5288	16,14931	2,3
515	0,4162897	0,275807	1,160349	28,60272	15,97902	2,4
516	0,4427346	0,288637	1,370428	15,22894	15,39629	2,25
517	0,4481426	0,273271	1,332444	97,91289	16,15254	2,266667
518	0,4298593	0,264466	1,167302	30,31283	16,65214	2,384615
519	0,4582942	0,281607	1,378711	55,26168	15,66828	2,222222

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
468	10,73103	2,188406	1240	18	0,016296	0,147059
469	11,61169	2,030769	1240	19	0,017652	0,137255
470	12,51384	2,071429	1240	20	0,019061	0,134503
471	12,56563	2,035088	1240	17	0,019177	0,158333
472	13,458	2,142857	1240	20	0,02057	0,152047
473	14,35537	2,15	1240	18	0,021965	0,154412
474	15,22196	2,257576	1240	23	0,023277	0,142857
475	13,36563	2,215909	1240	28	0,020347	0,108262
476	12,47804	2,168675	1240	25	0,018977	0,119565
477	13,37041	2,273809	1240	26	0,020368	0,123333
478	14,28353	2,138889	1240	23	0,02181	0,121212
479	11,63628	2,224138	1240	17	0,017709	0,175
480	12,56993	2,313725	1240	16	0,019191	0,209524
481	13,43461	2,145455	1240	18	0,020517	0,161765
482	14,31146	2,121212	1240	23	0,021843	0,125541
483	15,30907	2,210526	1240	13	0,023452	0,242424
484	16,26348	2,32	1240	8	0,024972	0,428571
485	17,26301	2,1	1240	4	0,026586	1
486	15,59952	2,26087	1240	17	0,023933	0,191667
487	16,579	2,142857	1240	11	0,025492	0,288889
488	17,55943	1,789474	1240	8	0,027054	0,285714
489	18,55895	1,916667	1240	6	0,028668	0,6
490	18,54177	1,764706	1240	8	0,028622	0,333333
491	19,52506	1,947368	1240	9	0,030191	0,357143
492	20,50931	1,9	1240	9	0,031764	0,321429
493	21,49451	1,772727	1240	10	0,033339	0,25
494	15,3062	2,261905	1240	14	0,023444	0,230769
495	16,30191	2,192308	1240	10	0,025048	0,333333
496	19,2957	1,666667	1240	5	0,029877	0,666667
497	19,2957	1,666667	1240	5	0,029877	0,666667
498	18,29618	1,272727	1240	6	0,028263	0,3
499	16,30764	2,2	1240	7	0,025063	0,466667
500	17,30716	2	1240	4	0,026677	1
501	22,23962	1,714286	1240	4	0,034623	1
502	21,2401	1,444444	1240	5	0,033009	0,5
503	20,24153	1,454545	1240	6	0,031397	0,4
504	19,24391	1,615385	1240	7	0,029788	0,4
505	18,24726	1,8	1240	7	0,028182	0,4
506	17,25155	2,05	1240	8	0,026578	0,380952
507	16,2568	2,285714	1240	12	0,024977	0,272727
508	15,26301	2,148148	1240	19	0,023379	0,156863
509	17,18472	2,029412	1240	12	0,026449	0,236364
510	16,23675	2,075	1240	14	0,024937	0,205128
511	16,26802	2,114286	1240	12	0,025019	0,254546
512	15,2852	2,025	1240	14	0,023441	0,205128
513	14,29618	1,942308	1240	18	0,021849	0,139706
514	16,09117	2,264706	1240	11	0,024474	0,288889
515	15,8568	2,333333	1240	11	0,024199	0,311111
516	15,19069	2,055556	1240	13	0,023257	0,227273
517	16,14678	2,142857	1240	16	0,024479	0,180952
518	16,64463	2,244444	1240	14	0,025286	0,230769
519	15,65728	1,963636	1240	19	0,023697	0,143791

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
468	0,515356	0,354839	1,309936	0,619859	3,571769	1,517065	4190
469	0,498685	0,363636	1,41894	0,594232	3,683447	1,514479	4190
470	0,481982	0,342857	1,532242	0,597567	3,802011	1,574339	4190
471	0,478828	0,344828	1,54157	0,64912	3,796551	1,529083	4190
472	0,464058	0,257143	1,653509	0,675511	3,913792	1,789807	4190
473	0,450375	0,322581	1,765657	0,650852	4,053874	1,595362	4190
474	0,439726	0,195122	1,871098	0,682459	4,192466	2,024693	4190
475	0,469867	0,254902	1,635586	0,575636	3,950982	1,899648	4190
476	0,484285	0,266667	1,525429	0,597305	3,81122	1,838447	4190
477	0,469323	0,212766	1,637263	0,629442	3,936263	2,009142	4190
478	0,454258	0,317073	1,753185	0,579056	4,043708	1,674844	4190
479	0,497056	0,275862	1,423552	0,717448	3,673839	1,683883	4190
480	0,478474	0,185185	1,542618	0,834617	3,78506	1,907333	4190
481	0,465451	0,290323	1,649211	0,681845	3,901724	1,664782	4190
482	0,453442	0,292683	1,755805	0,599737	4,064077	1,740091	4190
483	0,435521	0,238095	1,885142	0,879843	4,13073	1,650112	4190
484	0,420952	0,181818	2,007353	1,305156	4,215864	1,586146	4190
485	0,405297	0	2,13711	3	4,278855	0,8102832	4190
486	0,445049	0,206897	1,923818	0,785777	4,205952	1,865005	4190
487	0,429767	0,235294	2,049173	0,979635	4,280763	1,568706	4190
488	0,415455	0,454546	2,174737	0,870104	4,362052	1,040167	4190
489	0,400981	0,142857	2,304494	1,719087	4,414364	1,214956	4190
490	0,401962	0,363636	2,300721	1,015122	4,441018	1,140318	4190
491	0,38926	0,230769	2,426914	1,127367	4,523234	1,47219	4190
492	0,377275	0,307692	2,553317	1,014631	4,607992	1,293768	4190
493	0,365943	0,4	2,679929	0,818182	4,697552	1,209071	4190
494	0,435709	0,217391	1,884513	0,864947	4,135859	1,743324	4190
495	0,419199	0,2	2,013432	1,090909	4,208878	1,626499	4190
496	0,375725	0,2	2,401654	1,893973	4,419724	0,9677621	4190
497	0,375725	0,2	2,401654	1,893973	4,419724	0,9677621	4190
498	0,38934	0,571429	2,271897	0,859543	4,356898	0,820397	4190
499	0,418836	0,222222	2,01469	1,373967	4,199356	1,373191	4190
500	0,403255	0	2,144446	3	4,265748	0,8102832	4190
501	0,341517	0	2,783169	3	4,626165	0,8102832	4190
502	0,352863	0,4	2,653412	1,42048	4,567004	0,7948101	4190
503	0,364862	0,428571	2,523865	1,146058	4,502262	0,8754029	4190
504	0,377578	0,333333	2,394527	1,177686	4,432733	1,091162	4190
505	0,391086	0,333333	2,265399	1,177686	4,359791	1,091162	4190
506	0,405472	0,272727	2,136481	1,160139	4,286651	1,294239	4190
507	0,420831	0,210526	2,007772	0,957322	4,212033	1,686233	4190
508	0,437278	0,272727	1,879273	0,679122	4,13813	1,729038	4190
509	0,408359	0,31579	2,126104	0,829679	4,307041	1,466868	4190
510	0,421769	0,304348	2,004523	0,768842	4,223847	1,542594	4190
511	0,419864	0,263158	2,011126	0,893501	4,190931	1,548775	4190
512	0,435772	0,304348	1,884304	0,768842	4,100761	1,542594	4190
513	0,453279	0,387097	1,756329	0,588867	4,017731	1,469279	4190
514	0,387602	0,235294	1,967315	0,979635	4,178658	1,568706	4190
515	0,394486	0,176471	1,945199	1,054991	4,170984	1,760676	4190
516	0,440197	0,285714	1,869525	0,824853	4,108874	1,549439	4190
517	0,387471	0,296296	1,967734	0,720806	4,193087	1,608219	4190
518	0,391363	0,217391	2,032612	0,864947	4,216396	1,743324	4190
519	0,407047	0,333333	1,904847	0,622529	4,135096	1,583711	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
468	69	13737	37
469	65	14777	39
470	70	15858	42
471	57	15947	35
472	63	17015	45
473	60	18085	38
474	66	19091	55
475	88	16844	65
476	83	15793	57
477	84	16860	62
478	72	17966	50
479	58	14821	37
480	51	15957	37
481	55	16974	39
482	66	17991	51
483	38	19225	28
484	25	20391	16
485	10	21629	6
486	46	19594	39
487	28	20790	23
488	19	21988	13
489	12	23226	11
490	17	23190	14
491	19	24394	18
492	20	25600	17
493	22	26808	18
494	42	19219	31
495	26	20449	21
496	9	24153	8
497	9	24153	8
498	11	22915	8
499	20	20461	13
500	9	21699	6
501	7	27793	6
502	9	26555	7
503	11	25319	9
504	13	24085	12
505	15	22853	12
506	20	21623	15
507	35	20395	26
508	54	19169	42
509	34	21524	24
510	40	20364	29
511	35	20427	25
512	40	19217	29
513	52	17996	36
514	34	20009	23
515	33	19798	24
516	36	19076	27
517	49	20013	34
518	45	20632	31
519	55	19413	40

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
520	3683,8488	2004,5532	3709,3933	2003,1744	1277	9	18530,5
521	3695,5855	2006,6213	3710,7741	1971,4633	245	8	8047
522	3699,7278	1978,3570	3758,4111	1958,3652	2162	5	19720
523	3734,9378	1961,8121	3806,7385	1958,3652	2320	6	18168,5
524	3690,7527	1950,7821	3713,5357	1986,6295	2931	8	28177,5
525	3656,9236	1982,4932	3708,0125	1965,2589	3927	10	38916
526	3660,3755	2025,2344	3662,4467	1974,2208	8769	15	81053
527	3754,2687	1885,2917	3779,1228	1961,8121	0	0	1920,5
528	3801,9057	1950,0927	3807,4289	1975,5995	1807	4	17443
529	3806,0481	1969,3952	3839,8773	1997,6595	2197	6	20862
530	3828,8310	1979,7358	3837,8061	2038,3325	2993	10	28582,5
531	3607,4473	2043,0556	3608,9728	2001,9271	0	0	1923,5
532	3555,1979	2046,1022	3649,7806	2038,1050	17930	17	175286
533	3627,2791	2049,5295	3663,8917	2016,7791	15173	22	146248
534	3627,2791	2061,7158	3631,8557	2035,8201	1590	12	19117
535	3626,5163	2052,9569	3645,5854	2062,0966	0	0	3865
536	3601,3451	2078,4718	3637,5764	2052,9569	878	10	13036
537	3605,9217	2068,9513	3607,0659	2102,0826	2736	13	38113
538	3586,4713	2102,8442	3591,4292	2071,2362	931	0	18733,5
539	3541,4682	2087,9923	3608,2100	2088,7539	9529	18	115565
540	3583,0388	2091,8005	3632,2371	2107,7949	188	5	8840
541	3567,4021	2067,4280	3584,9686	2160,7592	3315	7	36246
542	3555,5793	2110,0798	3610,8797	2089,1347	113	5	8551
543	3527,3571	2068,9513	3565,8766	2040,3899	18754	11	186860,5
544	3528,8826	2081,5184	3535,3661	2057,5267	7588	1	78359,5
545	3526,2129	2064,0007	3554,4352	2090,6580	22519	27	247613
546	3438,4951	2099,7977	3538,4171	2070,0938	48602	57	482202
547	3486,9687	1955,6652	3494,3523	2089,0433	16126	38	130840
548	3419,8456	1964,3784	3492,3386	1961,6974	0	0	3839
549	3457,4345	2048,1586	3495,6948	2037,4347	0	0	1917,5
550	3429,2428	2022,6894	3470,8592	2019,3382	0	0	1921
551	3459,4482	2023,3597	3496,3660	1999,2309	1111	7	9597,5
552	3479,5852	2004,5929	3530,5988	1995,2095	2210	8	21127,5
553	3527,9139	2000,5714	3535,0350	1945,9694	1131	7	9728
554	3526,5714	1981,8047	3560,8042	1980,4642	0	0	1933
555	3576,2426	2132,6091	3637,9959	2101,1077	875	7	11455
556	3575,5713	2159,4187	3633,2973	2142,6627	236	1	5754
557	3618,5302	2109,1506	3618,5302	2160,7592	2	1	3853
558	3775,0881	2159,3655	3818,4032	2157,3693	0	0	1942
559	3781,4187	2204,2802	3781,7519	2157,0366	1124	3	7782
560	3713,7805	2193,9665	3785,4170	2165,6868	2957	7	24410,5
561	4116,1276	2180,1639	4119,7857	2275,1352	20701	12	160864
562	4107,7139	2162,6308	4109,1771	2194,4096	0	0	1794,5
563	4092,7155	2247,0091	4122,3464	2241,5300	240	3	7958,5
564	4049,9153	2229,8412	4102,9583	2248,1049	793	3	13687
565	4048,0863	2266,3686	4123,8097	2271,1172	21334	7	168814
566	4091,2523	2292,6683	4094,5446	2239,7036	535	11	13024
567	4048,0863	2286,8240	4229,8957	2297,4169	4960	42	51492
568	4213,7999	2255,0451	4226,6033	2305,0877	2268	10	19972
569	3942,8782	2309,3249	4015,9678	2307,3524	10	0	3667
570	3886,2503	2335,6246	4088,3989	2328,3922	40584	36	366129
571	4034,4048	2342,8570	4123,2975	2346,8020	244	8	5689

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
520	93	0,002111004	0,122288	0,001665056	0,1363636
521	106,5	0,000916718	0,1400394	0,000319451	0,1025641
522	70,5	0,002246513	0,115102	0,002818991	0,0757576
523	47	0,002069765	0,1390533	0,003025005	0,1666667
524	121,5	0,003209995	0,1314224	0,003821676	0,0879121
525	172,5	0,004433331	0,138	0,005120342	0,0952381
526	246	0,0092336	0,1462545	0,01143373	0,0877193
527	4	0,000218784	0,02768166	0	0
528	44	0,001987115	0,1301775	0,002356113	0,1111111
529	63	0,00237661	0,2016	0,002864627	0,1666667
530	79	0,003256133	0,1755556	0,003902517	0,2222222
531	19,5	0,000219126	0,03009259	0	0
532	225	0,01996867	0,125	0,02337859	0,125
533	304	0,01666065	0,1633969	0,01978379	0,128655
534	197	0,002177818	0,09926934	0,002073171	0,0784314
535	33	0,000440303	0,03259259	0	0
536	192,5	0,001485068	0,1106004	0,001144808	0,0833333
537	250	0,004341853	0,1300728	0,003567419	0,0955882
538	61,5	0,00213413	0,05338542	0,001213913	0
539	365	0,01316522	0,1369863	0,01242468	0,1052632
540	86	0,001007057	0,09302326	0,00024513	0,0757576
541	142	0,004129163	0,1232639	0,004322366	0,0897436
542	95	0,000974134	0,1027583	0,000147339	0,0757576
543	228,5	0,02128725	0,09065662	0,02445299	0,0718954
544	152	0,008926755	0,03753087	0,009893851	0,0036232
545	562	0,0282082	0,1000356	0,0293621	0,0665025
546	1042,5	0,0549327	0,1356009	0,06337123	0,0957983
547	506	0,01490536	0,1706865	0,02102639	0,1501976
548	31	0,000437341	0,0248	0	0
549	14,5	0,000218443	0,01258681	0	0
550	13	0,000218841	0,03316326	0	0
551	69,5	0,001093352	0,05789255	0,001448612	0,0666667
552	106,5	0,002406856	0,08189158	0,002881578	0,0666667
553	79,5	0,001108219	0,1161432	0,00147469	0,0897436
554	9	0,000220208	0,0288	0	0
555	83	0,00130496	0,1212564	0,001140896	0,1555556
556	23	0,000655499	0,03979239	0,000307716	0,0277778
557	31	0,000438936	0,06888889	2,61E-06	0,0357143
558	5	0,000221234	0,0591716	0	0
559	24	0,00088653	0,12	0,001465562	0,1428571
560	63,5	0,002780857	0,2204861	0,003855577	0,1944444
561	212	0,01832571	0,09445311	0,02699165	0,0631579
562	0	0,00020443	0	0	0
563	117,5	0,000906636	0,06750934	0,000312932	0,0220588
564	109,5	0,00155923	0,04736159	0,001033978	0,0175439
565	199,5	0,01923138	0,06558185	0,027817	0,027668
566	200	0,001483701	0,107498	0,000697577	0,0808824
567	615,5	0,005865995	0,133572	0,006467251	0,1196581
568	130	0,002275221	0,07222223	0,002957203	0,0735294
569	22	0,000417747	0,03214025	1,30E-05	0
570	739	0,04170961	0,1098395	0,05291672	0,0641711
571	141	0,000648094	0,03725723	0,000318147	0,0316206

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
520	3	1,166667	0,375	4,14626	1,541596	14,81497
521	3	1	0,375	4,160522	1,516497	13,50521
522	3	1	0,375	4,197781	1,541596	9,960931
523	3	1,833333	0,4285714	4,166862	1,563269	13,0364
524	3	1	0,375	4,157226	1,486006	13,25633
525	3	0,916667	0,3333333	4,130195	1,498999	10,96395
526	4	1,166667	0,3636364	4,116064	1,503877	11,87539
527	1	0,333333	0,25	4,169084	1,44132	8,846409
528	2	0,833333	0,3333333	4,16822	1,514247	11,96774
529	2	0,833333	0,3333333	4,195681	1,514247	11,48722
530	3	1,166667	0,4285714	4,193472	1,55314	12,42355
531	1	0,25	0,2	4,072176	1,302696	5,53168
532	4	1,833333	0,3636364	4,06956	1,540415	6,682068
533	4	1	0,3076923	4,090885	1,523257	8,795252
534	4	1,333333	0,4	4,085041	1,490723	7,112432
535	2	0,583333	0,3333333	4,090226	1,384531	6,447229
536	3	1	0,3333333	4,080421	1,47264	6,482383
537	4	1,083333	0,3636364	4,068347	1,540415	5,798938
538	3	0,75	0,375	4,066541	1,516497	4,908583
539	4	1,083333	0,3076923	4,060189	1,523257	5,060001
540	4	1,166667	0,4444444	4,074438	1,569637	5,578526
541	4	1,333333	0,4	4,06707	1,563284	4,945363
542	4	1,083333	0,4444444	4,074438	1,569637	5,578526
543	3	0,833333	0,3333333	4,053573	1,414678	5,731587
544	3	0,783333	0,3333333	4,039384	1,243521	4,920717
545	4	1,116667	0,3333333	4,044787	1,319656	5,028886
546	5	1,25	0,2777778	4,015007	1,423876	5,010561
547	6	2,616667	0,4	4,035454	1,55896	5,065733
548	2	0,416667	0,2222222	4,04366	1,427421	4,821057
549	1	0,166667	0,1428571	4,038599	1,272455	4,473722
550	1	0,333333	0,25	4,044146	1,305529	4,294288
551	3	1,5	0,3333333	4,041924	1,498999	4,909511
552	3	0,833333	0,2727273	4,045091	1,499015	4,934639
553	3	1,666667	0,375	4,057128	1,516497	4,858369
554	1	0,333333	0,25	4,05935	1,375	4,271856
555	3	1	0,3333333	4,070678	1,475435	5,029377
556	2	0,75	0,3333333	4,070984	1,514247	4,653549
557	2	0,833333	0,4	4,074198	1,484378	4,671539
558	1	0,5	0,3333333	3,886628	1,457542	3,564382
559	2	1,333333	0,4	3,885015	1,530639	4,145652
560	3	1,083333	0,375	3,881789	1,514247	4,459167
561	3	0,866667	0,2727273	4,157761	1,439081	16,61824
562	1	0,2	0,1666667	4,213407	1,249687	11,20313
563	3	0,916667	0,375	4,136126	1,384142	15,44126
564	3	0,75	0,3	4,083767	1,431635	16,20762
565	3	0,75	0,2727273	4,102799	1,372585	16,77879
566	4	1,2	0,4	4,077428	1,515505	16,3893
567	5	1,666667	0,3125	4,051968	1,498218	18,69366
568	2	0,7	0,25	4,074832	1,336656	14,35353
569	2	0,533333	0,2857143	4,049162	1,4535	13,24659
570	4	1,2	0,2666667	4,021729	1,335365	18,81194
571	2	0,666667	0,2222222	4,043336	1,222542	14,92669

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
520	5,106383	0,4772609	1,298933	0,4772609	1,298933	0,3595489
521	5,333333	0,450426	1,300658	0,450426	1,300658	0,3574601
522	5,106383	0,441955	1,298933	0,441955	1,298933	0,35678
523	4	0,4394309	1,222222	0,4394309	1,222222	0,3565754
524	5,508197	0,4638948	1,307639	0,4638948	1,307639	0,3585205
525	5,915493	0,4904855	1,387337	0,4904855	1,387337	0,360544
526	7,578948	0,5227044	1,603724	0,5227044	1,603724	0,3628817
527	2,181818	0,4157265	0,6368422	0,4157265	0,6368422	0,3546062
528	3,692308	0,4416277	1	0,4416277	1	0,3567535
529	3,692308	0,45162	1	0,45162	1	0,3575551
530	4,363636	0,4719025	1,206386	0,4719025	1,206386	0,3591394
531	2,666667	0,5492443	0,8846833	0,5492443	0,8846833	0,3647227
532	7,148936	0,5913918	1,613269	0,5913918	1,613269	0,3675059
533	7,724138	0,5564194	1,749517	0,5564194	1,749517	0,3652082
534	7,128713	0,5532253	1,536511	0,5532253	1,536511	0,3649927
535	4,097561	0,5164514	1,06971	0,5164514	1,06971	0,3624372
536	6,075949	0,5499725	1,393829	0,5499725	1,393829	0,3647722
537	7,148936	0,5850456	1,613269	0,5850456	1,613269	0,3670972
538	5,333333	0,5788342	1,300658	0,5788342	1,300658	0,3666936
539	7,724138	0,6255933	1,749517	0,6255933	1,749517	0,369651
540	5,333333	0,5440454	1,515422	0,5440454	1,515422	0,3643677
541	5,714286	0,5789396	1,60081	0,5789396	1,60081	0,3667005
542	5,333333	0,5440454	1,515422	0,5440454	1,515422	0,3643677
543	6,31579	0,6320586	1,41359	0,6320586	1,41359	0,370046
544	6,713287	0,6793594	1,493193	0,6793594	1,493193	0,3728424
545	8,920354	0,6798435	1,708166	0,6798435	1,708166	0,3728702
546	11,80328	0,7393773	2,018057	0,7393773	2,018057	0,3761771
547	9,931034	0,6761817	1,99121	0,6761817	1,99121	0,3726594
548	4,941176	0,6220449	1,31797	0,6220449	1,31797	0,3694328
549	3,018868	0,6216395	1,120834	0,6216395	1,120834	0,3694078
550	2,352941	0,575413	0,7391852	0,575413	0,7391852	0,3664699
551	5,915493	0,6218421	1,387337	0,6218421	1,387337	0,3694203
552	6,222222	0,6222071	1,540548	0,6222071	1,540548	0,3694428
553	5,333333	0,576456	1,300658	0,576456	1,300658	0,3665382
554	2,285714	0,5363384	0,6895725	0,5363384	0,6895725	0,3638365
555	3,870968	0,5412676	1,474472	0,5412676	1,474472	0,364177
556	3,692308	0,5385484	1	0,5385484	1	0,3639895
557	3,2	0,505801	0,8870222	0,505801	0,8870222	0,36167
558	1,6	0,5458819	0,4223924	0,5458819	0,4223924	0,3644934
559	3	0,5874953	0,8619656	0,5874953	0,8619656	0,3672554
560	3,692308	0,635892	1,375	0,635892	1,375	0,3702787
561	6,942149	0,5908059	1,544837	0,5908059	1,544837	0,3674684
562	2,909091	0,5185567	1,040526	0,5185567	1,040526	0,3625873
563	5,853659	0,5874591	1,344391	0,5874591	1,344391	0,367253
564	6,666667	0,6276923	1,480361	0,6276923	1,480361	0,3697796
565	7,231788	0,6313893	1,568832	0,6313893	1,568832	0,3700052
566	6,956522	0,6269087	1,536447	0,6269087	1,536447	0,3697316
567	10,43478	0,674175	1,941588	0,674175	1,941588	0,3725435
568	5	0,626744	1,290615	0,626744	1,290615	0,3697215
569	4,363636	0,6166973	1,136567	0,6166973	1,136567	0,3691022
570	10	0,7320027	1,857144	0,7320027	1,857144	0,3757791
571	5,454545	0,6735086	1,438096	0,6735086	1,438096	0,372505

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
520	0,454309	0,257197	1,541596	25,58166	17,13479	2,166667
521	0,4481203	0,24357	1,415397	38,29857	18,09604	2,230769
522	0,454309	0,241129	1,541596	61,99515	18,42373	2,166667
523	0,4731973	0,237986	1,954086	71,88339	18,52381	2
524	0,4437058	0,250655	1,311182	42,47466	17,59968	2,285714
525	0,4481426	0,2633	1,332444	53,91756	16,69976	2,266667
526	0,4547393	0,279636	1,307719	51,05563	15,73204	2,263158
527	0,386988	0,225268	1,44132	80,45557	19,523	2,333333
528	0,4335972	0,239254	1,514247	26,09793	18,43664	2,222222
529	0,4335972	0,246279	1,514247	44,0827	18,05085	2,222222
530	0,4581569	0,257205	1,708454	59,28007	17,318	2,1
531	0,4056839	0,290702	1,023547	41,15676	15,02018	2,5
532	0,4627564	0,31281	1,45934	94,92017	14,02098	2,176471
533	0,46754	0,295853	1,450721	49,12309	14,83939	2,157895
534	0,4517969	0,293735	1,287442	26,29701	14,91929	2,277778
535	0,4231759	0,274556	1,124932	21,14624	15,91041	2,416667
536	0,4447414	0,291677	1,251744	44,3138	15,00161	2,3125
537	0,4627564	0,309361	1,45934	33,15102	14,16223	2,176471
538	0,4481203	0,305941	1,415397	31,99447	14,30347	2,230769
539	0,46754	0,33014	1,450721	66,74616	13,30912	2,157895
540	0,482492	0,28811	1,855025	51,73285	15,15416	2
541	0,4843968	0,306036	1,823831	94,96992	14,30105	2
542	0,482492	0,28811	1,855025	59,13397	15,15416	2
543	0,4400936	0,333009	1,119954	47,95322	13,18321	2,388889
544	0,4341686	0,356679	0,863556	24,85223	12,33495	2,541667
545	0,4429709	0,35741	0,942612	38,8215	12,32688	2,482759
546	0,4554608	0,385849	1,090628	104,2436	11,41485	2,371428
547	0,4743632	0,354665	1,496601	133,5823	12,38822	2,130435
548	0,4404695	0,326931	1,202039	72,54258	13,37934	2,333333
549	0,42124	0,326309	0,954341	39,73469	13,38741	2,5
550	0,3915459	0,302457	1,06816	41,7511	14,38257	2,5
551	0,4481426	0,326684	1,332444	44,10346	13,38337	2,266667
552	0,4598584	0,327132	1,415737	51,8694	13,37611	2,1875
553	0,4481203	0,303978	1,415397	55,0644	14,35835	2,230769
554	0,3890756	0,282977	1,222222	34,25907	15,35755	2,428571
555	0,5	0,286375	2,028723	69,32394	15,2268	1,9
556	0,4335972	0,284957	1,514247	60,10864	15,29863	2,222222
557	0,422549	0,26784	1,484378	51,60862	16,22437	2,25
558	0,3413031	0,275758	1,821928	43,3611	15,10654	2,25
559	0,4308271	0,296657	1,749302	47,24484	14,10734	2,142857
560	0,5	0,32083	2,163209	77,01646	13,10977	1,888889
561	0,4466906	0,319273	1,162334	95,04168	14,0339	2,35
562	0,4147411	0,283978	0,920822	31,81252	15,84988	2,538461
563	0,4362086	0,315813	1,083242	30,13324	14,10815	2,411765
564	0,4435675	0,333171	1,145308	56,09921	13,26796	2,368421
565	0,4420186	0,336696	1,029439	75,87216	13,19613	2,434783
566	0,4553405	0,332239	1,363954	53,06697	13,28329	2,235294
567	0,4619631	0,355059	1,271216	182,1177	12,42211	2,259259
568	0,4306765	0,33194	1,002492	51,65449	13,28652	2,470588
569	0,432429	0,324561	1,2597	73,11618	13,48668	2,333333
570	0,4468925	0,38264	0,953832	202,278	11,51977	2,470588
571	0,4312859	0,353952	0,838314	88,98021	12,43341	2,565217

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
520	17,1327	2,051282	1240	13	0,026066	0,212121
521	18,10501	2,025641	1240	14	0,027619	0,205128
522	18,47733	1,971429	1240	13	0,028148	0,212121
523	18,53246	1,884615	1240	10	0,02831	0,25
524	17,60764	2,069767	1240	15	0,026817	0,197802
525	16,68162	2,1	1240	16	0,025363	0,180952
526	15,70501	2	1240	20	0,0238	0,140351
527	19,53198	2,176471	1240	7	0,029924	0,533333
528	18,38425	2,115385	1240	10	0,028169	0,305556
529	17,92697	2	1240	10	0,027546	0,305556
530	17,14009	1,933333	1240	11	0,026362	0,244444
531	14,91933	2,388889	1240	11	0,02265	0,333333
532	13,91981	2,066667	1240	18	0,021036	0,147059
533	14,78473	1,95082	1240	20	0,022358	0,128655
534	14,84129	2,142857	1240	19	0,022487	0,150327
535	15,83246	2,288889	1240	13	0,024088	0,257576
536	14,9	2,169492	1240	17	0,02262	0,175
537	14,0179	2	1240	18	0,021264	0,147059
538	14,11838	2	1240	14	0,021492	0,205128
539	13,12482	2,054795	1240	20	0,019885	0,128655
540	15,00979	1,767442	1240	13	0,022866	0,181818
541	14,11671	1,854167	1240	14	0,021488	0,166667
542	15,00955	1,744186	1240	13	0,022866	0,181818
543	13,03986	2,309859	1240	19	0,019682	0,163399
544	12,1506	2,377778	1240	25	0,018312	0,134058
545	12,14248	2,320755	1240	30	0,018299	0,105911
546	11,21551	2,209677	1240	36	0,016825	0,080672
547	12,19642	1,987013	1240	24	0,018398	0,102767
548	13,19022	2,16	1240	16	0,019999	0,190476
549	13,19594	2,333333	1240	15	0,020012	0,230769
550	14,19236	2,357143	1240	9	0,02162	0,428571
551	13,19284	2,102041	1240	16	0,020005	0,180952
552	13,18807	2,019608	1240	17	0,019994	0,158333
553	14,17637	1,972973	1240	14	0,021581	0,205128
554	15,17589	2,4	1240	8	0,023195	0,476191
555	15,06253	1,756757	1240	11	0,022984	0,2
556	15,1148	2,147059	1240	10	0,0231	0,305556
557	16,06062	2,2	1240	9	0,024595	0,357143
558	14,74773	2,230769	1240	5	0,022789	0,833333
559	13,74821	1,95	1240	8	0,021175	0,380952
560	12,74964	1,541667	1240	10	0,019563	0,222222
561	13,75752	2,19403	1240	21	0,021056	0,142105
562	15,62053	2,375	1240	14	0,02399	0,25641
563	13,80931	2,186441	1240	18	0,021176	0,176471
564	12,92792	2,191176	1240	20	0,019819	0,152047
565	12,87637	2,230769	1240	24	0,019703	0,130435
566	12,9389	2,065574	1240	18	0,019844	0,154412
567	12,03938	2,15625	1240	28	0,018453	0,096866
568	12,94368	2,366667	1240	18	0,019849	0,183824
569	13,09117	2,081081	1240	13	0,020172	0,242424
570	11,11718	2,327586	1240	35	0,016995	0,089127
571	12,05012	2,482759	1240	24	0,018471	0,142293

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
520	0,372595	0,333333	2,09529	0,769863	4,279982	1,44442	4190
521	0,359577	0,304348	2,22012	0,768842	4,382145	1,542594	4190
522	0,370355	0,333333	2,262674	0,769863	4,418034	1,44442	4190
523	0,343553	0,4	2,275671	0,818182	4,429512	1,209071	4190
524	0,378171	0,28	2,155661	0,764737	4,328325	1,633551	4190
525	0,411882	0,296296	2,038796	0,720806	4,237548	1,608219	4190
526	0,427141	0,314286	1,913127	0,623549	4,142927	1,647146	4190
527	0,330631	0,111111	2,405427	1,570248	4,484772	1,440605	4190
528	0,346818	0,266667	2,264351	1	4,41806	1,437925	4190
529	0,38383	0,266667	2,214251	1	4,380238	1,437925	4190
530	0,410313	0,352941	2,119082	0,828922	4,309792	1,34342	4190
531	0,49335	0,117647	1,820683	1,130348	3,994725	1,856234	4190
532	0,51223	0,354839	1,690926	0,619859	3,918041	1,517065	4190
533	0,461852	0,371429	1,797205	0,571586	4,035985	1,518417	4190
534	0,478579	0,30303	1,807582	0,650825	4,028069	1,672421	4190
535	0,46118	0,190476	1,936291	0,934833	4,111853	1,791744	4190
536	0,494021	0,275862	1,818273	0,717448	4,019156	1,683883	4190
537	0,540568	0,354839	1,709268	0,619859	3,921908	1,517065	4190
538	0,565242	0,304348	1,72761	0,768842	3,925339	1,542594	4190
539	0,584498	0,371429	1,598482	0,571586	3,837398	1,518417	4190
540	0,522218	0,428571	1,838082	0,659882	4,013231	1,273789	4190
541	0,565321	0,434783	1,727296	0,624684	3,930489	1,283139	4190
542	0,522218	0,428571	1,838082	0,659882	4,013231	1,273789	4190
543	0,559733	0,242424	1,582132	0,707419	3,814109	1,820954	4190
544	0,60435	0,177778	1,471975	0,669706	3,725837	2,139284	4190
545	0,604632	0,218182	1,470927	0,585423	3,73414	2,046669	4190
546	0,623637	0,283582	1,35249	0,495526	3,621045	1,867144	4190
547	0,60249	0,395349	1,478892	0,502207	3,731111	1,50716	4190
548	0,582128	0,259259	1,607601	0,758743	3,821213	1,706405	4190
549	0,581855	0,16	1,608649	0,892193	3,815814	1,955114	4190
550	0,562657	0,076923	1,737882	1,352841	3,906823	1,796202	4190
551	0,581992	0,296296	1,608125	0,720806	3,821363	1,608219	4190
552	0,582237	0,344828	1,607182	0,64912	3,826529	1,533204	4190
553	0,563448	0,304348	1,734738	0,768842	3,925229	1,542594	4190
554	0,545271	0,090909	1,864494	1,450174	4,006726	1,633073	4190
555	0,535067	0,470588	1,847515	0,678209	4,013985	1,183395	4190
556	0,547137	0,266667	1,856843	1	4,012386	1,437925	4190
557	0,517817	0,230769	1,977062	1,127367	4,094696	1,47219	4190
558	0,523825	0	1,831898	2,367467	3,965552	1,203369	4190
559	0,542484	0,272727	1,702141	1,160139	3,865749	1,294239	4190
560	0,562387	0,466667	1,572594	0,727273	3,760276	1,121297	4190
561	0,473116	0,27027	1,692603	0,647318	3,988465	1,769226	4190
562	0,443719	0,130435	1,92843	0,961052	4,190696	1,993852	4190
563	0,470114	0,225806	1,702246	0,743831	3,974536	1,866857	4190
564	0,483626	0,257143	1,593137	0,675511	3,875667	1,789807	4190
565	0,486649	0,232558	1,583809	0,637417	3,880696	1,920342	4190
566	0,48298	0,322581	1,595129	0,650852	3,868335	1,602959	4190
567	0,49853	0,333333	1,483294	0,515042	3,780943	1,681962	4190
568	0,482844	0,193548	1,595548	0,774824	3,863412	1,931203	4190
569	0,474419	0,238095	1,621541	0,879843	3,857635	1,650112	4190
570	0,517349	0,230769	1,366115	0,538461	3,67031	2,025861	4190
571	0,498033	0,162791	1,484762	0,695364	3,767658	2,151063	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
520	39	21230	26
521	39	22421	29
522	35	22827	26
523	26	22951	18
524	43	21806	32
525	50	20691	34
526	58	19492	43
527	17	24189	14
528	26	22843	20
529	25	22365	20
530	30	21457	21
531	36	18610	25
532	60	17372	37
533	61	18386	41
534	63	18485	41
535	45	19713	29
536	59	18587	37
537	62	17547	37
538	48	17722	29
539	73	16490	41
540	43	18776	24
541	48	17719	26
542	43	18776	24
543	71	16334	43
544	90	15283	61
545	106	15273	72
546	124	14143	83
547	77	15349	49
548	50	16577	35
549	48	16587	35
550	28	17820	20
551	49	16582	34
552	51	16573	35
553	37	17790	29
554	25	19028	17
555	37	18866	19
556	34	18955	20
557	30	20102	18
558	13	18717	9
559	20	17479	15
560	24	16243	17
561	67	17388	47
562	40	19638	33
563	59	17480	41
564	68	16439	45
565	78	16350	56
566	61	16458	38
567	96	15391	61
568	60	16462	42
569	37	16710	28
570	116	14273	84
571	87	15405	59

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
572	4110,7867	2348,7745	4153,5869	2334,3096	1169	7	11802
573	3884,2749	2262,6428	3902,7119	2263,9578	0	0	1966,5
574	3895,4688	2258,6979	3898,1026	2308,0099	1133	4	7831
575	3874,3824	2301,1580	3949,4629	2300,1199	2733	17	20319
576	4153,5869	2265,9303	4198,4446	2378,5525	40	0	4280
577	4167,4968	2396,9623	4215,5647	2321,3506	1050	13	11890,5
578	3720,7136	2123,0421	3818,1663	2072,4151	0	0	3714
579	3675,9380	2188,7915	3679,8888	2109,8923	0	0	1935,5
580	3619,9685	2172,3541	3718,7382	2173,0116	8956	16	75029,5
581	3715,4459	2165,7792	3727,9567	2253,8833	6736	16	58234
582	3718,7382	2215,7487	3762,1969	2221,6661	208	0	6292
583	3745,0768	2176,2991	3766,8061	2252,5683	2	2	5810,5
584	3715,4459	2249,9383	3769,4400	2248,6234	199	2	6202
585	3362,7239	2309,4310	3396,2441	2412,3542	5660	16	58928,5
586	3422,8628	2317,9511	3432,9596	2370,1936	737	4	7891
587	3425,6165	2360,1117	3460,4963	2359,1951	44	2	3511
588	3287,9332	2174,9716	3303,5373	2242,7952	0	0	3835
589	3207,1589	2373,8597	3300,7836	2307,8692	5601	32	58421
590	3212,6663	2289,5385	3306,2909	2273,9574	1190	0	20773
591	3282,4258	2350,9463	3306,2909	2221,7149	4808	63	47612
592	3133,3966	2201,3710	3161,4607	2283,7580	1127	2	6932
593	3102,8066	2256,2956	3150,2351	2231,0751	0	0	1948
594	3245,3310	2465,7345	3253,6859	2539,5348	6346	5	53980
595	3209,9830	2539,5348	3259,4701	2533,1174	6011	9	51825
596	3209,9830	2647,9891	3219,6234	2508,7312	5024	6	47092
597	3075,0183	2648,6308	3222,1942	2634,5125	6073	13	54552
598	2996,6102	2592,7993	3090,4429	2651,8395	3069	5	31772
599	2986,9699	2622,9612	3009,4640	2585,7402	5377	17	58910
600	2999,8237	2587,0236	3046,7400	2590,2323	1125	4	10570
601	3039,6704	2599,2167	3043,5266	2560,7122	0	0	1958
602	3382,2238	2468,9432	3416,2863	2464,4511	120	4	4055
603	3385,4372	2458,0336	3388,0080	2472,1520	335	3	6362
604	3338,5209	2472,1520	3389,2934	2459,3171	1356	7	12443
605	2879,4176	1685,6575	3079,1869	2006,5515	123771	145	1125066
606	3057,0675	1983,7450	3187,2081	2073,2085	91504	69	824925,5
607	2827,8325	1690,8980	2887,3240	1689,8309	30557	14	294050
608	2813,5830	1655,3269	2836,0259	1695,1665	17134	6	171318
609	2761,2163	1637,1856	2823,2014	1663,5082	15273	10	146452
610	2696,0250	1634,3399	2781,5217	1639,3199	12876	8	116195
611	2710,2744	1627,5814	2743,7607	1711,8850	1672	4	17994
612	2734,1423	1699,7908	2771,5471	1714,7306	1785	4	17472
613	2817,2702	1760,6670	2821,5378	1898,0932	13951	12	117965
614	2714,8485	1890,6359	2833,2736	1892,7666	16480	24	166301
615	2559,0822	1842,6966	2746,8553	1898,0932	10098	21	109031
616	2554,8146	1780,9081	2564,2984	1878,5270	9065	17	108220
617	2432,1219	1872,5255	2570,8180	1859,7417	8281	16	108353
618	2436,3895	1884,2440	2549,4801	1667,9842	19383	65	188703
619	2513,2058	1720,1849	2585,7545	1741,4913	4041	7	43882
620	2542,0119	1790,4959	2580,4200	1770,2549	1031	12	17001
621	2574,0187	1780,9081	2576,1524	1735,0993	2553	16	28577
622	2558,0153	1774,5161	2672,1728	1801,1491	2251	17	17996,5
623	2550,5470	1795,8225	2662,5708	1828,8474	429	1	9664

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
572	165	0,00134449	0,04166141	0,001524237	0,0253623
573	7,5	0,000224025	0,0887574	0	0
574	40	0,000892112	0,1183432	0,001477298	0,1111111
575	137	0,002314751	0,1553288	0,003563507	0,1619048
576	58	0,00048758	0,02301131	5,22E-05	0
577	195,5	0,001354572	0,05541383	0,001369075	0,0513834
578	20	0,000423101	0,03460208	0	0
579	13,5	0,000220493	0,0432	0	0
580	158,5	0,008547399	0,1087106	0,01167756	0,2051282
581	127	0,006634047	0,264308	0,008782945	0,2909091
582	12	0,000716788	0,04536862	0,000271207	0
583	27	0,000661935	0,135	2,61E-06	0,0952381
584	33	0,000706535	0,1247637	0,000259472	0,0714286
585	289,5	0,006713165	0,01655752	0,007379968	0,0161616
586	78	0,000898947	0,008191557	0,000960961	0,0067227
587	55	0,000399975	0,01145356	5,74E-05	0,008658
588	82	0,000436885	0,02439024	0	0
589	744	0,006655351	0,05209902	0,007303039	0,0323232
590	110	0,002366471	0,02114571	0,001551619	0
591	831	0,005423984	0,07386667	0,006269061	0,0768293
592	82	0,000789697	0,01980437	0,001469474	0,0095238
593	5,5	0,000221917	0,01508916	0	0
594	93	0,006149429	0,05931123	0,00827443	0,0367647
595	91	0,005903931	0,1196581	0,00783763	0,1153846
596	93,5	0,005364745	0,116875	0,006550699	0,0659341
597	164	0,006214592	0,1213018	0,007918471	0,0760234
598	128	0,003619483	0,04674945	0,004001611	0,0292398
599	626	0,006711058	0,07295612	0,007010969	0,0365591
600	146,5	0,00120414	0,05072715	0,001466866	0,0294118
601	8	0,000223056	0,02040816	0	0
602	63	0,000461948	0,06814494	0,000156466	0,0606061
603	87	0,000724762	0,04118343	0,0004368	0,0384615
604	221	0,001417513	0,01938511	0,001768063	0,0132576
605	2354	0,1281681	0,1098742	0,1613827	0,0655812
606	1616,5	0,09397594	0,08246607	0,1193103	0,0353303
607	605	0,03349833	0,05237188	0,0398427	0,0124114
608	266	0,01951664	0,04734781	0,0223407	0,0137931
609	236	0,01668389	0,09104938	0,01991418	0,0653595
610	149	0,01323699	0,1145713	0,01678878	0,0666667
611	65	0,002049886	0,07733492	0,002180089	0,0512821
612	66	0,001990419	0,09642074	0,002327428	0,0606061
613	307	0,01343863	0,06264667	0,01819045	0,0227273
614	541,5	0,0189451	0,07520834	0,02148796	0,0403361
615	620	0,01242087	0,07688016	0,01316659	0,0352941
616	614	0,01232848	0,06737997	0,01181968	0,022942
617	582	0,01234363	0,05536266	0,01079744	0,0205128
618	1026	0,02149714	0,1334547	0,02527313	0,1092437
619	288	0,00499906	0,05997501	0,005268984	0,016092
620	283	0,001936763	0,06141493	0,001344302	0,0369231
621	352	0,003255507	0,07800554	0,003328809	0,0455841
622	296,5	0,002050171	0,07834589	0,002935037	0,0671937
623	65	0,001100928	0,01799308	0,000559365	0,0047619

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
572	2	0,7	0,25	3,995443	1,134242	14,84201
573	1	0,5	0,3333333	4,059139	1,457542	7,121125
574	2	1,333333	0,4	4,057526	1,428771	11,10214
575	3	1,2	0,3	4,053772	1,514098	15,01187
576	2	0,533333	0,25	4,030101	1,274372	14,47673
577	3	0,95	0,3	3,994205	1,328604	16,8023
578	2	0,533333	0,2857143	4,131395	1,485412	12,51259
579	1	0,333333	0,25	3,874305	1,305529	4,323338
580	3	1,583333	0,3333333	3,872083	1,537246	5,053136
581	4	1,666667	0,4444444	3,878564	1,556642	4,851352
582	2	0,583333	0,3333333	3,882185	1,538847	4,515093
583	3	1,333333	0,5	3,885015	1,530639	4,145652
584	2	0,583333	0,3333333	3,882185	1,538847	4,515093
585	3	0,833333	0,1666667	3,891817	1,215141	4,800568
586	2	0,583333	0,1428571	3,857074	1,188504	4,639753
587	2	0,75	0,3333333	3,918266	1,012026	4,591947
588	2	0,5	0,25	3,878089	1,215248	4,658342
589	5	1,083333	0,2173913	3,830358	1,378736	4,736335
590	2	0,416667	0,2222222	3,803096	1,173629	4,408019
591	6	2,116667	0,2857143	3,87188	1,429372	4,921194
592	2	1,2	0,2857143	3,802889	1,138396	4,31383
593	1	0,5	0,3333333	3,804502	1,263447	3,66674
594	2	0,5	0,2222222	3,958972	1,380535	5,223201
595	4	2,166667	0,5	3,939392	1,516497	5,319102
596	3	0,833333	0,3	3,971363	1,521478	5,448924
597	4	2,083333	0,3636364	4,00171	1,503877	5,125901
598	2	0,5	0,2222222	4,086204	1,327656	4,821703
599	4	1,333333	0,3333333	4,156048	1,278436	5,018252
600	3	1,5	0,375	4,134824	1,384142	4,594555
601	1	0,333333	0,25	4,137046	1,375	4,110185
602	2	0,833333	0,3333333	3,960303	1,384531	5,000963
603	2	1	0,4	3,977818	1,211878	5,526188
604	2	0,611111	0,1666667	3,969679	1,154396	5,916775
605	16	6,726191	0,4210526	4,074642	1,535509	4,987005
606	7	2,0625	0,2058824	4,006606	1,389537	4,846343
607	4	0,979167	0,16	4,102271	1,32711	4,960938
608	3	0,75	0,2727273	4,126744	1,21874	4,942267
609	4	1,166667	0,3636364	4,165227	1,523838	5,041909
610	4	1,25	0,4	4,213108	1,537546	5,084772
611	3	1,083333	0,375	4,270401	1,516497	5,070533
612	2	0,666667	0,2857143	4,287758	1,4535	4,969406
613	4	1,2	0,2666667	4,261202	1,351658	4,975931
614	5	1,15	0,25	4,265585	1,44541	4,904458
615	6	2,05	0,3	4,304592	1,481441	4,947028
616	5	1,45	0,2777778	4,367668	1,370463	5,017199
617	5	1,166667	0,25	4,31223	1,393922	4,966618
618	10	3,4	0,4166667	4,308252	1,572301	5,008482
619	3	0,85	0,1875	4,323412	1,362842	4,932828
620	4	1,15	0,2666667	4,386189	1,458824	5,035621
621	4	1,283333	0,3076923	4,370189	1,399829	5,048912
622	5	2,75	0,3846154	4,359728	1,505803	5,021805
623	2	0,45	0,2222222	4,377814	1,274208	4,849054

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
572	5,271318	0,7256007	1,416619	0,7256007	1,416619	0,3754311
573	1,6	0,5319723	0,4223924	0,5319723	0,4223924	0,3635329
574	3,333333	0,5714154	0,9166667	0,5714154	0,9166667	0,3662071
575	6	0,6170962	1,464411	0,6170962	1,464411	0,3691269
576	5,106383	0,6687876	1,32722	0,6687876	1,32722	0,3722311
577	7	0,7214855	1,52269	0,7214855	1,52269	0,3752061
578	4,210526	0,5304344	1,119194	0,5304344	1,119194	0,3634255
579	2,352941	0,6921738	0,7391852	0,6921738	0,7391852	0,3735734
580	5,454545	0,7604753	1,387368	0,7604753	1,387368	0,3772986
581	4,8	0,6927769	1,566871	0,6927769	1,566871	0,3736075
582	3,428571	0,6357225	0,9855802	0,6357225	0,9855802	0,3702684
583	3	0,5875677	1,149287	0,5875677	1,149287	0,36726
584	3,428571	0,6357225	0,9855802	0,6357225	0,9855802	0,3702684
585	9,081081	0,8556115	1,985714	0,8556115	1,985714	0,3820708
586	6,285714	0,8474795	1,761213	0,8474795	1,761213	0,3816797
587	4,483517	0,7756849	1,30688	0,7756849	1,30688	0,378092
588	5,185185	0,7654785	1,363636	0,7654785	1,363636	0,3775609
589	13,23181	0,8994083	2,206349	0,8994083	2,206349	0,3841285
590	5,513514	0,847856	1,469555	0,847856	1,469555	0,3816978
591	14	0,8496681	2,173709	0,8496681	2,173709	0,3817852
592	4,897959	0,8530106	1,323529	0,8530106	1,323529	0,381946
593	1,777778	0,7680048	0,5660819	0,7680048	0,5660819	0,3776929
594	5,142857	0,7054287	1,344391	0,7054287	1,344391	0,3743183
595	5,333333	0,6836432	1,387368	0,6836432	1,387368	0,3730879
596	5,714286	0,6743656	1,471094	0,6743656	1,471094	0,3725545
597	7,578948	0,6851651	1,603724	0,6851651	1,603724	0,3731749
598	5,28	0,7031931	1,374621	0,7031931	1,374621	0,3741934
599	9,032258	0,7392054	1,725107	0,7392054	1,725107	0,3761679
600	5,853659	0,6972321	1,344391	0,6972321	1,344391	0,373859
601	2,285714	0,6393864	0,6895725	0,6393864	0,6895725	0,3704898
602	4,097561	0,7052723	1,06971	0,7052723	1,06971	0,3743096
603	3,6	0,7101015	1,040526	0,7101015	1,040526	0,3745783
604	6,092308	0,7817866	1,677146	0,7817866	1,677146	0,3784068
605	27,88382	0,7989385	2,987825	0,7989385	2,987825	0,3792816
606	18,63481	0,8284929	2,586089	0,8284929	2,586089	0,3807549
607	11,70732	0,7275928	2,239495	0,7275928	2,239495	0,3755396
608	7,60181	0,6671975	1,643455	0,6671975	1,643455	0,3721384
609	7,384615	0,61946	1,606352	0,61946	1,606352	0,3692733
610	6,746988	0,5798896	1,540548	0,5798896	1,540548	0,3667624
611	5,333333	0,5461944	1,300658	0,5461944	1,300658	0,3645148
612	4,363636	0,5501946	1,136567	0,5501946	1,136567	0,3647873
613	9,934641	0,6288093	1,851848	0,6288093	1,851848	0,3698479
614	11,97861	0,6426595	2,105799	0,6426595	2,105799	0,3706867
615	13,06806	0,6269087	2,152594	0,6269087	2,152594	0,3697316
616	12,1659	0,6182959	2,023111	0,6182959	2,023111	0,3692012
617	12,53731	0,6489542	2,098096	0,6489542	2,098096	0,3710633
618	15,36946	0,6427894	2,61802	0,6427894	2,61802	0,3706945
619	8,275862	0,594413	1,839104	0,594413	1,839104	0,3676993
620	9,230769	0,5733384	1,834456	0,5733384	1,834456	0,3663337
621	9,056603	0,5640844	1,73721	0,5640844	1,73721	0,3657214
622	9,221557	0,5560303	1,785223	0,5560303	1,785223	0,365182
623	5,37931	0,5727533	1,40625	0,5727533	1,40625	0,3662952

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
572	0,4279298	0,376814	0,746212	45,1784	11,61259	2,625
573	0,3413031	0,280659	1,821928	18,48384	15,47538	2,25
574	0,4184144	0,30135	1,298883	49,38229	14,47619	2,333333
575	0,4565256	0,325141	1,425033	75,0877	13,47861	2,2
576	0,4291829	0,350321	0,910266	121,227	12,51412	2,526316
577	0,4382766	0,374561	0,966258	89,59721	11,67312	2,478261
578	0,4362514	0,284829	1,37115	109,8186	15,51735	2,272727
579	0,3915459	0,348555	1,06816	78,99805	12,1251	2,5
580	0,4588	0,382733	1,537246	98,77186	11,12591	2,153846
581	0,5	0,349243	2,075522	88,98795	12,11542	1,909091
582	0,4428109	0,320778	1,731203	43,8597	13,11299	2,125
583	0,5	0,296694	2,449023	79,30422	14,10573	1,857143
584	0,4428109	0,320778	1,731203	54,01011	13,11299	2,125
585	0,4453565	0,432812	0,810094	108,244	10	2,555556
586	0,4399884	0,424871	0,792336	53,20924	10,08636	2,571429
587	0,4215718	0,395044	0,646572	34,8918	10,92736	2,681818
588	0,4283892	0,385849	0,835483	69,59545	11,05973	2,571429
589	0,4566819	0,447784	1,022933	114,544	9,561744	2,4
590	0,4307614	0,419111	0,782419	94,91232	10,08232	2,6
591	0,4582058	0,427603	1,09152	131,4165	10,06295	2,365854
592	0,4247626	0,421637	0,75893	87,03573	10,02744	2,619048
593	0,3662434	0,379776	1,105516	53,71719	11,02663	2,5
594	0,4362086	0,362994	1,080418	74,27168	11,91606	2,411765
595	0,4588	0,350043	1,516497	49,90144	12,26392	2,153846
596	0,462555	0,348094	1,521478	139,5911	12,41889	2,142857
597	0,4547393	0,356372	1,307719	147,8515	12,2389	2,263158
598	0,4337026	0,373472	0,983449	110,8616	11,95077	2,473684
599	0,441697	0,39931	0,889347	43,4901	11,41727	2,516129
600	0,4362086	0,374712	1,083242	47,02591	12,04439	2,411765
601	0,3890756	0,343807	1,222222	38,69709	13,04358	2,428571
602	0,4231759	0,363035	1,124932	34,35746	11,91848	2,416667
603	0,4147411	0,367138	0,892963	14,35046	11,84423	2,538461
604	0,4364586	0,403376	0,754797	52,36959	10,84988	2,606061
605	0,4766985	0,423127	1,305183	377,9958	10,63842	2,208955
606	0,4632704	0,431454	1,04624	157,925	10,29459	2,365079
607	0,4562319	0,387951	0,970573	59,50108	11,58354	2,416667
608	0,4372944	0,357869	0,821325	45,72614	12,54157	2,566667
609	0,4582942	0,33536	1,378711	67,3427	13,43099	2,222222
610	0,4598584	0,317545	1,452127	85,64169	14,27926	2,1875
611	0,4481203	0,30316	1,415397	90,71059	15,09847	2,230769
612	0,432429	0,306622	1,2597	40,27804	14,99596	2,333333
613	0,4476306	0,348266	0,977795	137,4924	13,24617	2,454545
614	0,4605238	0,356304	1,156328	118,4443	12,98224	2,314286
615	0,4631827	0,350749	1,212088	195,7742	13,28329	2,285714
616	0,4518346	0,350999	0,9967	98,07851	13,4544	2,435897
617	0,4550611	0,363728	1,039106	139,284	12,86602	2,4
618	0,4882914	0,35994	1,572301	244,0446	12,97982	2,057143
619	0,4504539	0,334021	1,030441	75,61266	13,9548	2,4
620	0,456402	0,326855	1,193583	43,41528	14,43099	2,307692
621	0,4478377	0,320406	1,05933	45,85838	14,65133	2,407408
622	0,4589799	0,315075	1,290688	117,2231	14,84907	2,26087
623	0,4321928	0,325898	0,904277	116,7903	14,44471	2,523809

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
572	11,18305	2,494382	1240	25	0,017145	0,141304
573	15,08496	2,230769	1240	5	0,023385	0,833333
574	14,08544	2,192308	1240	10	0,021771	0,333333
575	13,08687	2,023809	1240	16	0,020159	0,171429
576	12,10811	2,394366	1240	20	0,018601	0,169591
577	11,22482	2,333333	1240	24	0,017243	0,134387
578	15,29069	2,029412	1240	12	0,023453	0,254546
579	11,76157	2,36	1240	9	0,017973	0,428571
580	10,76205	2,277778	1240	14	0,016358	0,192308
581	11,75394	1,677419	1240	12	0,017957	0,181818
582	12,75155	1,782609	1240	9	0,019569	0,321429
583	13,7463	1,55	1240	8	0,021172	0,285714
584	12,75155	1,782609	1240	9	0,019569	0,321429
585	9,660143	2,449198	1240	46	0,01454	0,070707
586	9,75537	2,42029	1240	36	0,014679	0,092437
587	10,59618	2,571429	1240	23	0,016038	0,160173
588	10,73222	2,426829	1240	22	0,016252	0,157143
589	9,231265	2,254438	1240	46	0,013832	0,063636
590	9,738902	2,460784	1240	26	0,014673	0,133333
591	9,734845	2,213333	1240	42	0,014641	0,068293
592	9,668019	2,593407	1240	22	0,014584	0,161905
593	10,66754	2,555556	1240	7	0,016198	0,6
594	11,41384	2,303571	1240	18	0,017635	0,176471
595	11,70406	2	1240	14	0,018197	0,192308
596	11,79141	1,95	1240	15	0,018447	0,175824
597	11,58568	2,038461	1240	20	0,018157	0,140351
598	11,26372	2,445946	1240	20	0,017691	0,163743
599	10,6747	2,442748	1240	32	0,016829	0,101075
600	11,34678	2,434211	1240	18	0,017842	0,176471
601	12,3463	2,392857	1240	8	0,019457	0,476191
602	11,53938	2,372093	1240	13	0,017639	0,257576
603	11,40525	2,6	1240	14	0,017519	0,25641
604	10,40907	2,496689	1240	34	0,015913	0,100379
605	10,44773	2,043478	1240	68	0,015571	0,036635
606	10,08091	2,186869	1240	64	0,015016	0,044035
607	11,4031	2,203947	1240	49	0,017098	0,060284
608	12,36921	2,349057	1240	31	0,018646	0,108046
609	13,279	2,180556	1240	19	0,020082	0,143791
610	14,15537	1,980392	1240	17	0,021453	0,158333
611	14,99833	2,04878	1240	14	0,022776	0,205128
612	14,89594	2,189189	1240	13	0,022611	0,242424
613	13,05274	2,242424	1240	34	0,019784	0,090909
614	12,70573	2,175	1240	36	0,019357	0,077311
615	12,94487	2,149606	1240	36	0,019844	0,07563
616	13,03986	2,207407	1240	40	0,02012	0,075574
617	12,37279	2,227586	1240	41	0,01917	0,071795
618	12,46396	1,951613	1240	36	0,019354	0,062185
619	13,44344	2,173469	1240	31	0,020929	0,096552
620	14,02148	2,229167	1240	27	0,021698	0,104615
621	14,20143	2,28421	1240	28	0,022054	0,108262
622	14,48162	2,241379	1240	24	0,022373	0,114625
623	14,0315	2,411765	1240	22	0,02172	0,152381

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
572	0,51309	0,133333	1,378168	0,705906	3,659034	2,287109	4190
573	0,437121	0	1,879797	2,367467	4,03108	1,203369	4190
574	0,455237	0,2	1,75004	1,090909	3,949949	1,626499	4190
575	0,474759	0,333333	1,620493	0,682868	3,867119	1,52613	4190
576	0,49449	0,171429	1,495243	0,753455	3,759902	2,050373	4190
577	0,510313	0,209302	1,386029	0,656733	3,662171	2,00081	4190
578	0,435489	0,263158	1,885247	0,893501	4,091755	1,548775	4190
579	0,58325	0,076923	1,444724	1,352841	3,630181	1,796202	4190
580	0,606252	0,347826	1,314967	0,720789	3,517779	1,442507	4190
581	0,583613	0,473684	1,443466	0,638215	3,64408	1,170244	4190
582	0,56227	0,307692	1,573013	1,014631	3,753234	1,293768	4190
583	0,54254	0,454546	1,701932	0,870104	3,869658	1,040167	4190
584	0,56227	0,307692	1,573013	1,014631	3,753234	1,293768	4190
585	0,650033	0,195402	1,168755	0,503597	3,406162	2,209517	4190
586	0,646675	0,179105	1,17997	0,56779	3,394766	2,221785	4190
587	0,628118	0,097561	1,289183	0,765181	3,523518	2,440345	4190
588	0,62316	0,153846	1,306372	0,733333	3,518475	2,154306	4190
589	0,667075	0,275862	1,111842	0,453237	3,334108	1,9407	4190
590	0,659773	0,148936	1,179446	0,680478	3,395081	2,233259	4190
591	0,647585	0,291139	1,17693	0,460043	3,404998	1,8719	4190
592	0,673774	0,128205	1,172318	0,755556	3,418795	2,265933	4190
593	0,650017	0	1,302075	1,766529	3,540398	1,748399	4190
594	0,605524	0,225806	1,417578	0,743831	3,649755	1,837966	4190
595	0,606829	0,347826	1,462751	0,720789	3,672773	1,50504	4190
596	0,614548	0,36	1,482875	0,679766	3,703595	1,452729	4190
597	0,632712	0,314286	1,459502	0,623549	3,701366	1,647146	4190
598	0,65317	0,2	1,422085	0,727473	3,697327	1,955081	4190
599	0,679934	0,20339	1,352804	0,579674	3,717145	2,117276	4190
600	0,670511	0,225806	1,434243	0,743831	3,767778	1,866857	4190
601	0,650825	0,090909	1,564	1,450174	3,845557	1,633073	4190
602	0,59099	0,190476	1,417892	0,934833	3,631643	1,791744	4190
603	0,57832	0,130435	1,408249	0,961052	3,626447	2,073444	4190
604	0,601827	0,15873	1,279121	0,596251	3,525145	2,27801	4190
605	0,674649	0,381679	1,251661	0,334692	3,672185	1,691774	4190
606	0,675569	0,300813	1,207011	0,386684	3,55197	1,918401	4190
607	0,654129	0,268817	1,374395	0,446529	3,767137	1,995879	4190
608	0,634458	0,175439	1,498807	0,608474	3,854606	2,196474	4190
609	0,618063	0,333333	1,614309	0,622529	3,954013	1,583711	4190
610	0,603838	0,344828	1,724466	0,64912	4,063563	1,529083	4190
611	0,591248	0,304348	1,83085	0,768842	4,177581	1,542594	4190
612	0,59422	0,238095	1,817539	0,879843	4,186557	1,650112	4190
613	0,634659	0,238095	1,590307	0,540001	4,071543	1,995127	4190
614	0,642532	0,313433	1,556034	0,474879	4,039814	1,791579	4190
615	0,643875	0,328358	1,595129	0,464556	4,047104	1,743725	4190
616	0,648801	0,253333	1,617349	0,494288	4,072982	1,979433	4190
617	0,655973	0,272727	1,540941	0,476623	3,968987	1,924444	4190
618	0,652673	0,447761	1,555719	0,381968	3,982335	1,466306	4190
619	0,63469	0,263158	1,682332	0,543743	4,053797	1,914611	4190
620	0,631347	0,306123	1,744171	0,545121	4,138973	1,747173	4190
621	0,625299	0,254902	1,772784	0,575636	4,136928	1,899648	4190
622	0,619872	0,325581	1,798463	0,560154	4,168764	1,674417	4190
623	0,63097	0,179487	1,745952	0,711111	4,120959	2,058885	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
572	89	14388	63
573	13	19174	9
574	26	17936	21
575	42	16700	33
576	71	15505	48
577	84	14463	57
578	34	19226	25
579	25	15023	20
580	54	13785	28
581	31	15011	21
582	23	16247	17
583	20	17477	13
584	23	16247	17
585	187	12390	115
586	138	12497	90
587	98	13539	59
588	82	13703	54
589	169	11847	108
590	102	12492	65
591	150	12468	97
592	91	12424	55
593	27	13662	15
594	56	14764	41
595	39	15195	28
596	40	15387	30
597	52	15164	43
598	74	14807	47
599	131	14146	78
600	76	14923	41
601	28	16161	17
602	43	14767	29
603	65	14675	33
604	151	13443	86
605	207	13181	148
606	198	12755	149
607	152	14352	116
608	106	15539	77
609	72	16641	40
610	51	17692	35
611	41	18707	29
612	37	18580	28
613	99	16412	81
614	120	16085	81
615	127	16458	80
616	135	16670	95
617	145	15941	96
618	124	16082	72
619	98	17290	72
620	96	17880	60
621	95	18153	65
622	87	18398	52
623	85	17897	53

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
624	2642,5968	1871,3860	2668,9721	1789,4306	2445	19	27381
625	2498,2693	1751,0791	2536,6774	1792,6266	1983	7	16229
626	2520,6740	1781,9734	2550,5470	1790,4959	120	5	4281
627	2512,1389	1772,3855	2533,4767	1747,8832	0	0	1959,5
628	2562,2828	1714,8583	2562,2828	1735,0993	7	2	3958
629	2533,4767	1687,1600	2565,4835	1725,5115	301	3	8135
630	2919,6919	1839,5006	2966,6352	1811,8023	20186	4	224857
631	2965,5683	1829,9127	2983,7055	1809,6717	0	0	1880,5
632	2930,3608	1873,5908	3031,7156	1824,5861	20948	9	209666
633	3016,7791	1826,7168	3031,7156	1848,0232	0	0	1941
634	2919,6919	1810,7370	2957,7979	1971,4742	41307	20	438578
635	2720,1830	1799,0185	2722,3168	1895,9625	3535	14	38707
636	2599,6241	1695,6825	2691,3769	1731,9034	1345	1	16391
637	2571,8849	1745,7525	2706,3134	1747,8832	1346	6	16154
638	2695,6444	1744,6872	2695,6444	1787,3000	1431	12	16580,5
639	2693,5106	1777,7121	2724,4505	1811,8023	542	11	10993
640	2658,3032	1801,1491	2770,3269	1817,1289	20	9	5979,5
641	2629,5682	1793,6564	2639,0991	1768,1242	0	0	1951
642	2650,8349	1800,0838	2658,3032	1780,9081	0	0	1917
643	2877,0162	1755,3404	2925,0264	1744,6872	15732	14	138341,5
644	2919,6919	1762,7976	2943,1636	1723,3808	3092	8	21330
645	2923,9595	1772,3855	2965,9386	1756,5416	31457	9	274876
646	2951,9464	1756,9408	3005,1169	1774,5051	30424	4	267683
647	2990,7249	1766,1222	3043,0958	1815,2224	29453	9	258852,5
648	3025,9054	1806,8394	3104,2619	1806,0410	23780	12	213438
649	3091,4690	1812,0288	3123,0515	1782,0897	11376	9	111037
650	3104,2619	1792,0694	3167,8266	1784,4848	3425	5	33295
651	3116,2552	1799,2548	3124,6506	1744,9652	5917	6	58012,5
652	3143,8399	1793,6662	3149,8366	1729,7960	1270	4	16355,5
653	3130,6473	1785,6824	3131,8466	1824,4037	0	0	1899
654	3119,4535	1760,5335	3155,0337	1695,8650	5056	12	48272,5
655	3100,2641	1729,7960	3175,4224	1743,3684	169	11	8662
656	3052,2907	1734,9855	3066,6827	1811,2305	4090	5	40391
657	3050,6916	1738,9773	3102,2630	1738,9773	3097	9	31520
658	3096,2663	1742,1708	3108,2597	1727,8001	723	7	12810
659	3107,8599	1693,8690	3171,4246	1709,8366	3835	10	34176
660	3144,6395	1748,5579	3244,5841	1711,4333	0	0	3779
661	2812,6685	1795,1550	2879,5844	1779,3299	10695	8	91812
662	2863,3837	1791,6383	2890,5023	1749,7896	13910	11	120305
663	2871,8363	1744,8662	2885,5717	1763,1531	0	0	3786
664	2728,1431	1720,6010	2820,0644	1768,0764	4043	14	35683
665	2762,6576	1744,1629	2771,4623	1684,7307	4016	12	35335
666	2766,1795	1688,9507	2792,5937	1685,4340	2615	4	25128
667	2785,9021	1684,3790	2807,7378	1710,7543	3535	5	31777
668	2801,7506	1707,5892	2909,1683	1727,2828	4529	14	40498
669	2882,4020	1738,8878	2902,8289	1713,9193	0	0	3691
670	2677,5359	1730,9805	2741,2575	1721,6484	1566	6	16392
671	2691,1298	1752,1897	2772,6935	1780,1858	2049	10	17047
672	2753,1522	1778,4891	2820,2723	1776,7924	3554	14	26850
673	2749,7537	1773,3989	2759,9492	1752,1897	0	0	1935,5
674	2781,1897	1757,2799	2782,8889	1781,8826	0	0	1935
675	2716,6185	1858,2357	2760,7988	1843,8134	0	0	1888,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
624	380	0,003119258	0,1004096	0,00318799	0,0584615
625	124	0,001848816	0,03276523	0,002585597	0,0233333
626	87	0,000487694	0,02587745	0,000156466	0,0197629
627	11	0,000223227	0,009162849	0	0
628	41	0,000450897	0,02355645	9,13E-06	0,0190476
629	84	0,000926743	0,02761341	0,000392468	0,0118577
630	314	0,02561583	0,02547771	0,02632015	0,0040404
631	22	0,000214228	0,003055556	0	0
632	162	0,02388526	0,01314455	0,02731371	0,0090909
633	22	0,00022112	0,007050152	0	0
634	613	0,04996303	0,04003265	0,05385942	0,025641
635	259	0,004409521	0,05989132	0,00460922	0,039886
636	56	0,001867271	0,1165453	0,00175372	0,0357143
637	117	0,001840272	0,05712891	0,001755024	0,0392157
638	188,5	0,001888859	0,1047222	0,001865854	0,0882353
639	204,5	0,001252328	0,08845156	0,000706704	0,0643275
640	184	0,000681188	0,07510204	2,61E-05	0,0473684
641	11	0,000222259	0,01247166	0	0
642	11	0,000218386	0,01247166	0	0
643	372	0,01575994	0,04269972	0,02051266	0,0170732
644	138	0,002429925	0,01824311	0,004031601	0,0107962
645	162	0,03131402	0,01946998	0,04101619	0,0115385
646	121	0,03049459	0,03429705	0,03966928	0,0144928
647	121,5	0,02948861	0,08333334	0,03840321	0,0989011
648	159	0,02431497	0,1324448	0,0310063	0,0784314
649	147	0,01264939	0,1176	0,01483295	0,0661765
650	86	0,003792984	0,09302326	0,004465793	0,0549451
651	113,5	0,006608814	0,0985243	0,007715065	0,05
652	73	0,001863227	0,09598948	0,001655929	0,0606061
653	4	0,000216335	0,008324662	0	0
654	169,5	0,005499228	0,1411912	0,006592424	0,0882353
655	139	0,00098678	0,1653778	0,000220356	0,1208791
656	70	0,004601364	0,07936508	0,005332875	0,0549451
657	99,5	0,003590775	0,130835	0,00403812	0,1153846
658	87	0,001459322	0,1271001	0,000942706	0,1060606
659	107	0,003893348	0,1157382	0,005000385	0,0952381
660	14	0,000430506	0,02734375	0	0
661	161,5	0,01045927	0,05309007	0,01394501	0,0467836
662	267	0,01370521	0,06174124	0,01813699	0,0338462
663	42	0,000431303	0,013125	0	0
664	144,5	0,004065026	0,06634527	0,005271592	0,0736842
665	117	0,004025382	0,1208678	0,005236387	0,1318681
666	74	0,002862595	0,08390023	0,003409649	0,0888889
667	149	0,003620052	0,05441928	0,00460922	0,0238095
668	232	0,004613553	0,029696	0,005905278	0,0188934
669	31	0,000420481	0,004165547	0	0
670	57	0,001867385	0,09861591	0,002041878	0,1090909
671	109,5	0,001942003	0,1184424	0,002671653	0,1282051
672	118	0,003058766	0,06139438	0,004633994	0,0915033
673	6	0,000220493	0,03	0	0
674	10,5	0,000220436	0,03106509	0	0
675	12	0,000215139	0,01041667	0	0

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
624	4	1,2	0,2666667	4,321422	1,458824	4,944595
625	3	1,6	0,2142857	4,318889	1,40451	4,918089
626	2	0,583333	0,25	4,361963	1,160187	4,853982
627	1	0,333333	0,25	4,321111	1,019738	4,385351
628	2	0,666667	0,3333333	4,329703	1,251614	4,744434
629	3	1,1	0,25	4,315954	1,403321	4,901827
630	2	0,3125	0,1	4,06135	1,192652	4,518184
631	1	0,0625	0,05882353	4,078994	1,140297	4,446934
632	3	1,3125	0,1428571	4,06406	1,265698	4,622696
633	1	0,333333	0,25	4,066282	0,7790229	4,093743
634	4	1,208333	0,2857143	4,048152	1,204654	4,523325
635	5	2,033333	0,3846154	4,28745	1,426218	4,910495
636	2	1	0,4	4,33264	1,484378	4,525812
637	2	0,583333	0,25	4,399282	1,305227	4,846303
638	3	1,166667	0,3333333	4,345231	1,44416	4,858649
639	3	0,866667	0,3	4,301428	1,431635	4,86231
640	3	0,783333	0,3	4,302466	1,406092	4,866692
641	1	0,2	0,1666667	4,362639	1,288753	4,537138
642	1	0,2	0,1666667	4,362639	1,288753	4,537138
643	3	0,8125	0,1428571	4,109105	1,300109	4,89725
644	2	0,5625	0,1052632	4,083446	1,232913	4,769738
645	2	0,5625	0,1052632	4,096488	1,224258	4,776087
646	2	0,833333	0,3333333	4,121848	0,9594815	4,703914
647	3	1,25	0,3333333	4,157548	1,521478	4,934385
648	4	1,416667	0,3636364	4,191125	1,523838	5,078836
649	4	1,166667	0,3636364	4,215736	1,540415	5,103356
650	4	1,916667	0,4	4,22894	1,565146	5,047606
651	3	0,833333	0,3	4,235587	1,499015	5,068663
652	3	1	0,3333333	4,243694	1,541596	4,980739
653	1	0,25	0,2	4,231557	1,353282	4,528747
654	3	0,916667	0,2727273	4,261092	1,490604	5,144155
655	4	1,666667	0,4444444	4,269008	1,54578	5,08855
656	2	0,583333	0,25	4,197216	1,429023	4,85278
657	3	1,5	0,4285714	4,220726	1,452454	4,919061
658	2	0,583333	0,25	4,241024	1,475846	4,882233
659	3	1,166667	0,3333333	4,277678	1,498999	5,142901
660	2	0,583333	0,3333333	4,258811	1,475435	4,861708
661	3	0,833333	0,3	4,228753	1,431635	5,031223
662	4	1,5	0,5	4,154925	1,117095	4,882087
663	2	0,583333	0,3333333	4,13162	1,012026	4,702692
664	3	1,083333	0,3	4,286785	1,406092	4,956063
665	3	1,333333	0,375	4,260375	1,486006	5,032515
666	2	0,833333	0,3333333	4,176451	1,475435	4,724226
667	2	0,833333	0,3333333	4,121739	1,040599	4,697615
668	3	1,0625	0,1578947	4,088257	1,298957	4,886176
669	2	0,395833	0,1111111	4,084168	1,230853	4,768296
670	2	0,833333	0,3333333	4,292858	1,430827	4,617724
671	3	1,666667	0,375	4,28929	1,516497	4,789639
672	3	1,583333	0,3333333	4,274832	1,414678	4,916784
673	1	0,333333	0,25	4,291512	1,375	4,285498
674	1	0,333333	0,25	4,277054	1,305529	4,371881
675	1	0,2	0,1666667	4,290361	1,288753	4,426385

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
624	9,230769	0,5806661	1,834456	0,5806661	1,834456	0,366813
625	7,741935	0,5937102	1,728888	0,5937102	1,728888	0,3676544
626	5,245902	0,5634515	1,399228	0,5634515	1,399228	0,3656793
627	2,5	0,5512436	0,9459329	0,5512436	0,9459329	0,3648585
628	4,285714	0,5519451	1,146061	0,5519451	1,146061	0,364906
629	7,384615	0,5934148	1,617858	0,5934148	1,617858	0,3676355
630	6,69697	0,7812105	2,014493	0,7812105	2,014493	0,3783772
631	3,589744	0,7238941	1,842188	0,7238941	1,842188	0,3753379
632	9,255898	0,7813385	2,074627	0,7813385	2,074627	0,3783838
633	2,566038	0,7094151	1,158628	0,7094151	1,158628	0,3745402
634	10,04651	0,8033109	1,864974	0,8033109	1,864974	0,3795022
635	9,767442	0,6081282	1,784162	0,6081282	1,784162	0,3685676
636	3,2	0,559782	0,8870222	0,559782	0,8870222	0,3654341
637	5,057471	0,5406848	1,308879	0,5406848	1,308879	0,3641368
638	6,206897	0,547134	1,402843	0,547134	1,402843	0,3645789
639	6,666667	0,5643847	1,480361	0,5643847	1,480361	0,3657414
640	6,769231	0,5644849	1,489664	0,5644849	1,489664	0,3657481
641	2,871795	0,518613	1,010281	0,518613	1,010281	0,3625913
642	2,871795	0,518613	1,010281	0,518613	1,010281	0,3625913
643	9,095541	0,7324523	2,063181	0,7324523	2,063181	0,3758035
644	6,556098	0,7242237	1,953348	0,7242237	1,953348	0,3753559
645	6,579439	0,7274818	1,958223	0,7274818	1,958223	0,3755336
646	4,514852	0,6679916	1,347515	0,6679916	1,347515	0,3721847
647	5,714286	0,6177354	1,384559	0,6177354	1,384559	0,3691665
648	7,384615	0,574443	1,606352	0,574443	1,606352	0,3664063
649	7,148936	0,5364892	1,613269	0,5364892	1,613269	0,363847
650	6,153846	0,5025507	1,569167	0,5025507	1,569167	0,3614334
651	6,222222	0,5031868	1,46352	0,5031868	1,46352	0,3614798
652	5,106383	0,4727442	1,398851	0,4727442	1,398851	0,359204
653	2,608696	0,4717858	0,8461539	0,4717858	0,8461539	0,3591305
654	6,461538	0,4740125	1,536447	0,4740125	1,536447	0,3593011
655	6	0,4469654	1,471094	0,4469654	1,471094	0,3571835
656	4,745763	0,5349851	1,238816	0,5349851	1,238816	0,3637426
657	4,941176	0,5018634	1,224149	0,5018634	1,224149	0,3613832
658	4,444445	0,4726974	1,212338	0,4726974	1,212338	0,3592004
659	5,915493	0,4477625	1,387337	0,4477625	1,387337	0,3572473
660	3,870968	0,446192	1,020788	0,446192	1,020788	0,3571214
661	6,666667	0,6348342	1,480361	0,6348342	1,480361	0,3702146
662	6,289655	0,6776705	1,521256	0,6776705	1,521256	0,3727452
663	4,483517	0,6730336	1,30688	0,6730336	1,30688	0,3724775
664	6,769231	0,5842932	1,489664	0,5842932	1,489664	0,3670485
665	5,508197	0,5902941	1,307639	0,5902941	1,307639	0,3674355
666	3,870968	0,6257985	1,020788	0,6257985	1,020788	0,3696636
667	4,465117	0,6710926	1,285714	0,6710926	1,285714	0,372365
668	8,936171	0,7257663	1,987617	0,7257663	1,987617	0,3754401
669	6,511628	0,7244987	1,914579	0,7244987	1,914579	0,3753709
670	4	0,5682504	1,044581	0,5682504	1,044581	0,3659981
671	5,333333	0,5532574	1,300658	0,5532574	1,300658	0,3649949
672	6,31579	0,5819766	1,41359	0,5819766	1,41359	0,3668982
673	2,285714	0,5161999	0,6895725	0,5161999	0,6895725	0,3624192
674	2,352941	0,5411141	0,7391852	0,5411141	0,7391852	0,3641664
675	2,871795	0,5636512	1,010281	0,5636512	1,010281	0,3656926

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
624	0,456402	0,326145	1,193583	86,09499	14,2615	2,307692
625	0,4506139	0,333277	1,106584	56,58068	13,97014	2,36
626	0,4280134	0,319445	0,773458	31,06491	14,66667	2,608696
627	0,4019529	0,309596	0,679825	32,49103	14,96933	2,692308
628	0,4208359	0,310606	0,910265	20,24106	14,95157	2,533333
629	0,4459432	0,332885	1,086442	49,95269	13,97659	2,391304
630	0,4468699	0,412387	0,806794	54,50567	10,85714	2,533333
631	0,4431701	0,383789	0,773773	27,17826	11,63761	2,54054
632	0,449996	0,41273	0,882154	112,58	10,85553	2,488889
633	0,4108307	0,37494	0,467414	26,0204	11,85472	2,8
634	0,4421244	0,422677	0,796626	165,1924	10,58596	2,575
635	0,4511452	0,338886	1,109281	96,96751	13,66263	2,37037
636	0,422549	0,315231	1,484378	98,64341	14,75626	2,25
637	0,429817	0,309159	0,95382	134,4454	15,24213	2,5
638	0,4421295	0,309003	1,181585	42,61277	15,07425	2,352941
639	0,4435675	0,315533	1,145308	46,03716	14,64407	2,368421
640	0,4418155	0,315665	1,093627	113,1577	14,64165	2,4
641	0,4148074	0,294068	0,985517	27,25304	15,84826	2,5
642	0,4148074	0,294068	0,985517	20,57873	15,84826	2,5
643	0,4523416	0,391193	0,941459	49,17792	11,51332	2,439024
644	0,4479297	0,384383	0,865202	45,87595	11,63277	2,48718
645	0,4473929	0,387345	0,850756	44,86958	11,58515	2,5
646	0,4221669	0,357869	0,599676	55,99651	12,52785	2,708333
647	0,4526573	0,33381	1,426385	71,78819	13,4657	2,214286
648	0,4582942	0,312921	1,378711	78,3606	14,40517	2,222222
649	0,4627564	0,293961	1,45934	43,51787	15,35351	2,176471
650	0,4735786	0,276227	1,676942	64,01564	16,32284	2,071429
651	0,4519847	0,277011	1,341224	54,93493	16,30347	2,25
652	0,4674352	0,260749	1,670062	64,15106	17,28894	2,083333
653	0,4053572	0,259476	1,127735	38,73986	17,32203	2,444444
654	0,4553405	0,262521	1,341543	73,81041	17,24536	2,235294
655	0,462555	0,248001	1,54578	76,37394	18,22841	2,142857
656	0,4355583	0,291849	1,190852	77,59145	15,39387	2,357143
657	0,4385315	0,275313	1,270897	51,57137	16,34383	2,307692
658	0,4427346	0,260559	1,370428	18,7179	17,29056	2,25
659	0,4481426	0,248947	1,332444	65,5396	18,19774	2,266667
660	0,4283173	0,24698	1,352482	106,6168	18,25827	2,3
661	0,4435675	0,348926	1,145308	68,76177	13,12994	2,368421
662	0,4333935	0,365969	0,754039	49,86713	12,3632	2,576923
663	0,4215718	0,361426	0,646572	22,8707	12,44149	2,681818
664	0,4418155	0,325552	1,093627	103,4575	14,17918	2,4
665	0,4437058	0,32687	1,311182	60,08085	14,0452	2,285714
666	0,4283173	0,339705	1,352482	26,64728	13,30509	2,3
667	0,4212994	0,359521	0,673329	34,24109	12,47458	2,666667
668	0,4498565	0,385655	0,927827	109,2081	11,61017	2,461539
669	0,4465585	0,384597	0,857201	32,25972	11,62873	2,5
670	0,4251371	0,317061	1,226423	64,40133	14,55125	2,363636
671	0,4481203	0,308439	1,415397	86,23466	14,91848	2,230769
672	0,4400936	0,323357	1,119954	67,14152	14,23164	2,388889
673	0,3890756	0,287927	1,222222	23,53247	15,91768	2,428571
674	0,3915459	0,300808	1,06816	24,66129	15,23083	2,5
675	0,4148074	0,314312	0,985517	46,47474	14,66182	2,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth [Connectivity Wgt]	Mean Depth R3 [Connectivity Wgt]	Node Count	Node Count R3	RA RA	RA R3 RA R3
624	13,92721	2,103448	1240	27	0,021424	0,104615
625	13,45585	2,218391	1240	26	0,020953	0,113333
626	14,21384	2,45122	1240	24	0,022079	0,146245
627	14,45537	2,571429	1240	14	0,022568	0,282051
628	14,44057	2,423729	1240	16	0,022539	0,219048
629	13,4611	2,179487	1240	24	0,020964	0,126482
630	10,58258	2,350318	1240	46	0,015924	0,069697
631	11,44726	2,333333	1240	38	0,017185	0,085586
632	10,58162	2,324841	1240	46	0,015922	0,067677
633	11,58115	2,632911	1240	21	0,017536	0,189474
634	10,23103	2,485714	1240	41	0,015486	0,080769
635	13,35561	2,182796	1240	28	0,020457	0,105413
636	14,43866	2,354839	1240	9	0,022223	0,357143
637	14,87064	2,40625	1240	19	0,023008	0,176471
638	14,77852	2,316667	1240	18	0,022737	0,169118
639	14,34081	2,235294	1240	20	0,022042	0,152047
640	14,33842	2,214286	1240	21	0,022038	0,147368
641	15,48115	2,380952	1240	13	0,023988	0,272727
642	15,48115	2,380952	1240	13	0,023988	0,272727
643	11,34391	2,227273	1240	42	0,016984	0,071951
644	11,44439	2,284553	1240	40	0,017177	0,078273
645	11,40883	2,310077	1240	41	0,0171	0,076923
646	12,36635	2,547619	1240	25	0,018623	0,148551
647	13,32053	2,296296	1240	15	0,020138	0,186813
648	14,27399	1,938776	1240	19	0,021656	0,143791
649	15,23222	1,92	1240	18	0,023188	0,147059
650	16,20716	1,837209	1240	15	0,024754	0,164835
651	16,19141	1,979167	1240	17	0,024723	0,166667
652	17,18019	1,923077	1240	13	0,026315	0,19697
653	17,20668	2,322581	1240	10	0,026368	0,361111
654	17,14535	2	1240	18	0,026245	0,154412
655	18,1327	1,902439	1240	15	0,027833	0,175824
656	15,26539	2,190476	1240	15	0,023253	0,208791
657	16,22602	2,205128	1240	14	0,024788	0,217949
658	17,18282	2,135135	1240	13	0,026318	0,227273
659	18,10764	2,139535	1240	16	0,027783	0,180952
660	18,15609	2,09375	1240	11	0,027881	0,288889
661	13,00215	2,371795	1240	20	0,019596	0,152047
662	12,21838	2,39785	1240	27	0,018357	0,126154
663	12,28496	2,475	1240	23	0,018484	0,160173
664	14	2,333333	1240	21	0,021291	0,147368
665	13,93556	2,227273	1240	15	0,021075	0,197802
666	13,17375	2,428571	1240	11	0,019879	0,288889
667	12,31456	2,5	1240	22	0,018537	0,166667
668	11,42554	2,264	1240	40	0,017141	0,076923
669	11,44057	2,286885	1240	39	0,017171	0,081081
670	14,30692	2,264706	1240	12	0,021892	0,272727
671	14,70167	2,232558	1240	14	0,022485	0,205128
672	14,04153	2,354839	1240	19	0,021376	0,163399
673	15,70119	2,25	1240	8	0,0241	0,476191
674	15,04105	2,384615	1240	9	0,02299	0,428571
675	14,35513	2,375	1240	13	0,022071	0,272727

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
624	0,626041	0,306123	1,72216	0,545121	4,115371	1,747173	4190
625	0,634257	0,276596	1,684323	0,578406	4,037286	1,82702	4190
626	0,624878	0,139535	1,774776	0,71468	4,11777	2,24556	4190
627	0,616571	0,043478	1,81408	1,057157	4,089253	2,330933	4190
628	0,617058	0,148148	1,811774	0,872554	4,105038	2,050147	4190
629	0,634075	0,255814	1,685162	0,618101	4,029825	1,851606	4190
630	0,677868	0,206897	1,280065	0,496403	3,656766	2,201798	4190
631	0,652362	0,197183	1,381418	0,542833	3,739199	2,23404	4190
632	0,677921	0,229885	1,279855	0,482014	3,657306	2,10533	4190
633	0,656212	0,027027	1,409612	0,86309	3,736005	2,709545	4190
634	0,68673	0,181818	1,244848	0,5362	3,603465	2,2447	4190
635	0,632877	0,27451	1,64439	0,560487	4,060336	1,860845	4190
636	0,622419	0,230769	1,78641	1,127367	4,106266	1,47219	4190
637	0,619214	0,181818	1,849506	0,764012	4,187863	1,992868	4190
638	0,613691	0,258065	1,827706	0,712838	4,172548	1,754716	4190
639	0,615253	0,257143	1,771841	0,675511	4,128505	1,789807	4190
640	0,615322	0,243243	1,771527	0,671292	4,130635	1,847193	4190
641	0,603008	0,142857	1,92822	0,989823	4,211637	1,909776	4190
642	0,603008	0,142857	1,92822	0,989823	4,211637	1,909776	4190
643	0,656424	0,253165	1,365277	0,484688	3,758904	2,025171	4190
644	0,65252	0,226667	1,380789	0,511942	3,742816	2,116687	4190
645	0,654077	0,220779	1,374605	0,510667	3,752757	2,137278	4190
646	0,634893	0,088889	1,497025	0,742107	3,848193	2,518752	4190
647	0,616997	0,32	1,618816	0,722252	3,949173	1,527657	4190
648	0,600082	0,333333	1,740817	0,622529	4,053878	1,583711	4190
649	0,583854	0,354839	1,86397	0,619859	4,153593	1,517065	4190
650	0,567914	0,4	1,989849	0,637281	4,241557	1,368426	4190
651	0,56846	0,310345	1,987334	0,683284	4,253887	1,597059	4190
652	0,552902	0,380952	2,115309	0,714872	4,329596	1,353912	4190
653	0,551994	0,133333	2,119606	1,181818	4,296827	1,736769	4190
654	0,554098	0,322581	2,109649	0,650852	4,365166	1,595362	4190
655	0,539371	0,36	2,237309	0,679766	4,442171	1,467424	4190
656	0,582684	0,24	1,869211	0,807222	4,131258	1,717639	4190
657	0,567322	0,26087	1,992574	0,816894	4,227009	1,680826	4190
658	0,552858	0,285714	2,115518	0,824853	4,328872	1,549439	4190
659	0,540191	0,296296	2,233327	0,720806	4,46874	1,608219	4190
660	0,538573	0,235294	2,241188	0,979635	4,408165	1,568706	4190
661	0,627312	0,257143	1,575214	0,675511	4,006608	1,789807	4190
662	0,640107	0,163265	1,475643	0,657352	3,879587	2,319321	4190
663	0,637628	0,097561	1,48581	0,765181	3,849279	2,440345	4190
664	0,617901	0,243243	1,71147	0,671292	4,159459	1,847193	4190
665	0,610821	0,28	1,694071	0,764737	4,103631	1,633551	4190
666	0,621931	0,235294	1,597958	0,979635	3,958485	1,568706	4190
667	0,63658	0,102564	1,490107	0,777778	3,838476	2,396856	4190
668	0,653259	0,24	1,377854	0,503115	3,745717	2,043743	4190
669	0,652652	0,219178	1,380265	0,522308	3,74188	2,127874	4190
670	0,617871	0,210526	1,759788	0,957322	4,109573	1,686233	4190
671	0,607515	0,304348	1,807477	0,768842	4,153046	1,542594	4190
672	0,61638	0,242424	1,718282	0,707419	4,129225	1,820954	4190
673	0,590541	0,090909	1,937234	1,450174	4,204856	1,633073	4190
674	0,598707	0,076923	1,848039	1,352841	4,178813	1,796202	4190
675	0,614753	0,142857	1,774147	0,989823	4,108286	1,909776	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
624	87	17670	60
625	87	17309	59
626	82	18172	60
627	49	18547	35
628	59	18525	38
629	78	17317	55
630	157	13452	114
631	120	14419	94
632	157	13450	112
633	79	14688	56
634	175	13116	103
635	93	16928	64
636	31	18283	18
637	64	18885	45
638	60	18677	40
639	68	18144	45
640	70	18141	48
641	42	19636	30
642	42	19636	30
643	132	14265	100
644	123	14413	97
645	129	14354	100
646	84	15522	65
647	54	16684	31
648	49	17848	40
649	50	19023	37
650	43	20224	29
651	48	20200	36
652	39	21421	25
653	31	21462	22
654	49	21367	38
655	41	22585	30
656	42	19073	33
657	39	20250	30
658	37	21423	27
659	43	22547	34
660	32	22622	23
661	78	16268	45
662	93	15318	67
663	80	15415	59
664	66	17568	48
665	44	17402	32
666	42	16485	23
667	74	15456	56
668	125	14385	96
669	122	14408	95
670	34	18029	26
671	43	18484	29
672	62	17633	43
673	20	19722	17
674	26	18871	20
675	48	18166	30

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice
							[Connectivity Wgt]
676	2493,1681	1679,2300	2544,1453	1691,9555	0	0	3758
677	2511,0101	1656,3241	2578,8905	1681,3631	0	0	3931
678	2465,1634	1690,5599	2538,1980	1705,5294	1520	10	16241
679	2491,4688	1742,8576	2497,4162	1691,9555	1	1	5868
680	2465,1306	1741,1609	2496,5666	1734,3740	0	0	3913
681	2487,2207	1733,5256	2510,1605	1752,1897	1452	12	17244,5
682	2507,8461	2016,7058	2591,7751	1898,4806	1168	7	17304
683	2555,3060	1857,5757	2590,2764	1914,4435	311	6	7990,5
684	2434,9952	1865,7261	2620,3224	2224,3477	32435	45	360034
685	2466,9481	2265,1872	2692,8081	2192,5260	34007	36	387431
686	2683,6862	2129,9592	2703,4001	2200,0993	12526	10	120385
687	2543,6353	1953,7862	2636,9379	2159,2598	362	11	8367,5
688	2626,7130	2154,1549	2671,4471	2156,7073	773	3	12347
689	2662,5003	2151,6024	2688,0626	2200,0993	1806	10	23431
690	2685,5064	2146,4975	2688,0626	1985,6921	12399	31	104326,5
691	2585,8132	2054,6087	2693,1751	2030,3602	3498	24	24604
692	2621,6005	2040,5701	2640,7723	2094,1719	0	0	1945
693	2626,7130	2007,3880	2638,2160	2045,6750	1112	4	7817
694	2624,1567	2015,0454	2665,0565	1998,4544	0	0	1955,5
695	2653,5534	2062,2661	2693,1751	2062,2661	0	0	1958
696	2668,8909	2103,1055	2694,4533	2103,1055	0	0	1934,5
697	2671,4471	2142,6688	2697,0095	2143,9450	0	0	3896
698	2680,3939	2049,5037	2754,5248	2054,6087	2297	7	20514
699	2743,0218	2062,2661	2754,5248	2040,5701	1186	3	12756
700	2741,7436	2045,6750	2789,0340	2045,6750	389	3	6946
701	2777,5310	2052,0562	2790,3122	2018,8741	339	3	6093
702	2781,3653	2023,9791	2823,5432	2011,2167	1068	3	10851
703	2818,6678	2014,4941	2820,9870	1985,6921	2151	4	18459
704	2783,9216	1975,4822	2850,3837	2001,0069	4761	10	42284
705	2717,3687	1979,9041	2803,0933	1979,3109	1121	10	15713,5
706	2681,6721	1998,4544	2735,3530	1976,7584	3501	22	38003,5
707	2826,1465	1890,2870	2855,5579	1970,4198	9037	13	104359,5
708	2846,7345	2017,8282	2854,2974	1958,6726	14963	17	156997
709	2843,7933	2011,9546	2941,6914	2040,4836	17873	25	179677
710	2924,0445	2037,5468	2980,7666	2039,2249	0	0	4005
711	2839,1716	1939,3736	2866,9023	1937,2759	383	4	6365
712	2857,2386	1933,9195	2877,8266	1951,5403	951	4	10450
713	2868,1628	1946,9254	2921,1034	1951,9599	6350	9	53125
714	2896,3137	1921,7528	2901,3557	1954,8967	3560	4	31434
715	2877,8266	1925,1091	2908,9186	1923,8505	2484	6	21879,5
716	2907,3223	1947,7867	2956,0612	1971,7007	7158	16	63050
717	2854,0916	2040,6292	2901,4770	2056,7857	0	0	1947
718	2879,5179	2054,4776	2887,6081	2022,1645	1112	4	7745
719	3065,0501	1838,5780	3071,1325	1901,5902	0	0	1934,5
720	3100,7844	1797,5821	3103,8256	1843,8923	5535	8	40153
721	3059,7279	1863,6311	3100,7844	1858,3168	1115	2	7720
722	3090,1401	1857,5576	3131,1966	1875,7780	2223	3	15418
723	3114,4699	1874,2596	3115,9905	1838,5780	3329	4	23133
724	3100,0241	1835,5413	3122,8332	1849,9657	4438	6	30826
725	3031,5967	1937,2718	3103,0653	1884,1290	1877	12	22277
726	3095,4623	1884,1290	3129,6760	1899,3127	816	4	13305,5
727	3028,5554	2005,5983	3105,3462	1962,3249	21164	37	210949

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
676	28	0,000428113	0,009204471	0	0
677	30	0,000447822	0,009375	0	0
678	109	0,001850183	0,03583169	0,0019819	0,0395257
679	48	0,000668486	0,04166667	1,30E-06	0,0128205
680	41	0,000445771	0,03559028	0	0
681	142	0,001964502	0,04667982	0,001893236	0,0474308
682	288,5	0,001971281	0,04439828	0,001522933	0,0172414
683	118,5	0,000910282	0,01761296	0,000405507	0,0137931
684	1124	0,04101526	0,07870873	0,04229139	0,0454546
685	1399	0,04413634	0,07137027	0,04434109	0,0333025
686	531	0,01371432	0,0618845	0,01633242	0,0189394
687	205	0,00095323	0,0656946	0,000472005	0,0476191
688	96	0,001406577	0,03703704	0,0010079	0,025
689	377,5	0,002669272	0,03446859	0,00235481	0,0201613
690	517,5	0,01188493	0,1277778	0,01616682	0,0953846
691	237	0,002802901	0,1273851	0,004560977	0,1263158
692	9,5	0,000221575	0,0155102	0	0
693	33	0,000890517	0,05387755	0,001449916	0,0512821
694	7,5	0,000222772	0,04629629	0	0
695	8	0,000223056	0,008264462	0	0
696	8	0,000220379	0,008264462	0	0
697	41	0,000443834	0,01826688	0	0
698	68	0,002336965	0,05902778	0,002995015	0,0583333
699	44	0,00145317	0,09157128	0,001546403	0,0545455
700	25	0,000791292	0,1385042	0,00050721	0,2
701	21	0,000694118	0,1866667	0,000442016	0,2
702	27	0,001236152	0,1495845	0,001392545	0,1428571
703	49	0,002102859	0,09570313	0,002804649	0,0888889
704	184,5	0,004817015	0,09297052	0,006207779	0,0735294
705	254,5	0,00179009	0,08155745	0,001461651	0,0395257
706	466,5	0,004329378	0,1261493	0,004564888	0,0676923
707	217	0,01188869	0,05127599	0,01178318	0,037037
708	295	0,01788518	0,06970699	0,01950997	0,0615942
709	520	0,0204689	0,05622837	0,02330427	0,0537634
710	118	0,000456252	0,0153486	0	0
711	62	0,000725104	0,0496	0,000499387	0,0512821
712	56	0,001190469	0,07756232	0,001239991	0,0888889
713	165,5	0,006052027	0,08895458	0,008279646	0,0661765
714	45	0,003580977	0,08789063	0,004641817	0,0888889
715	34,5	0,002492524	0,1725	0,003238841	0,2142857
716	382,5	0,007182688	0,04526627	0,009333182	0,0394089
717	6,5	0,000221803	0,0325	0	0
718	53	0,000882314	0,03773585	0,001449916	0,0512821
719	2	0,000220379	0,08163265	0	0
720	75,5	0,00457425	0,08166576	0,007216983	0,0761905
721	8	0,000879466	0,1975309	0,001453828	0,3333333
722	19	0,001756427	0,2638889	0,002898528	0,3
723	37	0,002635323	0,185	0,004340621	0,1904762
724	64	0,003511714	0,1331946	0,005786625	0,1333333
725	215	0,002537807	0,02624512	0,002447385	0,0153846
726	170,5	0,001515769	0,04403409	0,001063967	0,0144928
727	966	0,02403142	0,05644996	0,02759534	0,0216248

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
676	2	0,433333	0,1666667	4,314523	1,329386	4,80709
677	2	0,433333	0,1666667	4,319058	1,3127	4,811536
678	3	1,433333	0,2142857	4,316423	1,427529	4,907102
679	3	1,166667	0,5	4,322245	1,338623	4,71648
680	2	0,666667	0,4	4,320814	1,211878	4,630918
681	3	0,933333	0,2307692	4,316306	1,421507	4,905822
682	3	0,866667	0,2727273	4,292851	1,239428	4,838333
683	3	0,733333	0,2727273	4,347346	1,21874	4,932962
684	5	1,166667	0,2272727	4,270178	1,367642	4,883742
685	5	1,1	0,25	4,212873	1,311973	4,775101
686	3	0,842857	0,2307692	4,169519	1,245982	4,655022
687	3	1,083333	0,3	4,264607	1,35426	4,806327
688	2	0,666667	0,2857143	4,199118	1,304713	4,549563
689	3	0,9	0,2727273	4,176136	1,178992	4,641198
690	7	3,916667	0,4666667	4,221962	1,529798	4,834965
691	4	1,97619	0,2857143	4,249053	1,507883	4,830373
692	1	0,25	0,2	4,25167	1,157957	4,346236
693	2	1,25	0,3333333	4,253709	1,338623	4,602108
694	1	0,5	0,3333333	4,255322	1,361654	3,997095
695	1	0,142857	0,125	4,225302	1,302347	4,36858
696	1	0,142857	0,125	4,225302	1,302347	4,36858
697	2	0,476191	0,2222222	4,197484	1,354402	4,593696
698	2	0,642857	0,2	4,230468	1,417437	4,655017
699	2	1	0,4	4,237646	1,315259	4,492806
700	2	1	0,4	4,260624	1,549161	4,359665
701	2	1	0,4	4,175243	1,549161	4,207501
702	2	1	0,4	4,144248	1,530639	4,295623
703	2	0,833333	0,3333333	4,13765	1,475435	4,446308
704	3	1,166667	0,3333333	4,129542	1,44416	4,609616
705	3	0,866667	0,3	4,208998	1,328604	4,734415
706	3	0,676191	0,2142857	4,290648	1,390637	4,850107
707	3	1,033333	0,2727273	4,163531	1,282334	4,681679
708	3	0,916667	0,2727273	4,088276	1,349728	4,565012
709	4	1,458333	0,2857143	4,032189	1,356626	4,533607
710	2	0,375	0,1818182	4,013773	1,225418	4,372194
711	2	0,833333	0,3333333	4,180861	1,338623	4,525445
712	2	0,833333	0,3333333	4,097339	1,475435	4,373662
713	3	1,333333	0,375	4,051296	1,384142	4,471329
714	2	0,666667	0,2857143	4,063159	1,508574	4,357485
715	3	2	0,5	4,076007	1,538847	4,262378
716	3	0,708333	0,2307692	4,021612	1,317625	4,47934
717	1	0,5	0,3333333	4,038459	1,361654	3,732858
718	2	1,25	0,3333333	4,036846	1,338623	4,316805
719	1	0,5	0,3333333	4,223195	1,5	3,315974
720	3	1	0,3333333	4,20807	1,498999	5,017428
721	2	1,5	0,5	4,221582	1,457542	3,671873
722	2	1	0,4	4,219969	1,487469	4,138233
723	2	1	0,4	4,217747	1,530639	4,588615
724	2	0,833333	0,3333333	4,213109	1,475435	4,794659
725	2	0,395833	0,1	4,084082	1,233574	4,771424
726	3	1,166667	0,4285714	4,107327	1,075365	4,80455
727	4	0,905357	0,1428571	4,040426	1,27441	4,848541

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
676	5,76	0,5933779	1,568832	0,5933779	1,568832	0,3676332
677	5,813664	0,5946724	1,578518	0,5946724	1,578518	0,3677159
678	7,5	0,5934887	1,725715	0,5934887	1,725715	0,3676403
679	4,173913	0,5511799	1,15614	0,5511799	1,15614	0,3648542
680	3,6	0,5511162	1,040526	0,5511162	1,040526	0,3648498
681	7,471698	0,5934517	1,670047	0,5934517	1,670047	0,3676379
682	7,563981	0,6407174	1,632247	0,6407174	1,632247	0,37057
683	7,60181	0,607354	1,643455	0,607354	1,643455	0,368519
684	13,15069	0,6893233	2,171875	0,6893233	2,171875	0,3734117
685	13,02326	0,7461424	2,111813	0,7461424	2,111813	0,3765394
686	8,129032	0,7188761	1,742916	0,7188761	1,742916	0,3750629
687	6,933333	0,6160204	1,51108	0,6160204	1,51108	0,3690602
688	4,705883	0,659815	1,2196	0,659815	1,2196	0,3717062
689	7,66805	0,7177405	1,665933	0,7177405	1,665933	0,3750004
690	10,83871	0,6696325	2,011984	0,6696325	2,011984	0,3722802
691	7,937008	0,618737	1,813504	0,618737	1,813504	0,3692285
692	2,769231	0,5727533	0,9909774	0,5727533	0,9909774	0,3662952
693	4,173913	0,572822	1,095291	0,572822	1,095291	0,3662997
694	1,714286	0,5331912	0,4986036	0,5331912	0,4986036	0,3636178
695	3,054545	0,6161	1,176875	0,6161	1,176875	0,3690651
696	3,054545	0,6161	1,176875	0,6161	1,176875	0,3690651
697	5,217391	0,6612325	1,359221	0,6612325	1,359221	0,3717895
698	5,090909	0,6164184	1,393829	0,6164184	1,393829	0,3690849
699	3,5	0,5710393	0,9792943	0,5710393	0,9792943	0,3661823
700	2,666667	0,537426	0,8491229	0,537426	0,8491229	0,3639118
701	2,666667	0,5431781	0,8491229	0,5431781	0,8491229	0,3643082
702	3	0,5696754	0,8619656	0,5696754	0,8619656	0,3660923
703	3,870968	0,6148295	1,020788	0,6148295	1,020788	0,3689861
704	6,206897	0,6677578	1,402843	0,6677578	1,402843	0,3721711
705	7	0,6384451	1,52269	0,6384451	1,52269	0,370433
706	7,839196	0,6340748	1,732542	0,6340748	1,732542	0,3701685
707	7,47644	0,6728437	1,610097	0,6728437	1,610097	0,3724665
708	7,304348	0,7258767	1,578518	0,7258767	1,578518	0,3754461
709	9,6	0,7887017	1,801778	0,7887017	1,801778	0,3787613
710	5,849463	0,78352	1,571762	0,78352	1,571762	0,3784959
711	4,173913	0,6207901	1,095291	0,6207901	1,095291	0,3693554
712	3,870968	0,6647801	1,020788	0,6647801	1,020788	0,3719973
713	5,853659	0,7174166	1,344391	0,7174166	1,344391	0,3749826
714	4	0,6569979	1,105854	0,6569979	1,105854	0,3715402
715	3,428571	0,6061193	1,108778	0,6061193	1,108778	0,3684414
716	7,948052	0,7832628	1,708166	0,7832628	1,708166	0,3784827
717	1,714286	0,6547886	0,4986036	0,6547886	0,4986036	0,3714097
718	4,173913	0,7155872	1,095291	0,7155872	1,095291	0,3748818
719	1,333333	0,3979032	0,3333333	0,3979032	0,3333333	0,3530654
720	5,915493	0,5357662	1,387337	0,5357662	1,387337	0,3637968
721	1,6	0,4195657	0,7039874	0,4195657	0,7039874	0,3549311
722	2	0,4436814	0,8725563	0,4436814	0,8725563	0,3569194
723	3	0,4706919	0,8619656	0,4706919	0,8619656	0,3590464
724	3,870968	0,5011516	1,020788	0,5011516	1,020788	0,3613311
725	6,595843	0,7243337	1,991413	0,7243337	1,991413	0,3753619
726	5,538462	0,6643172	1,416619	0,6643172	1,416619	0,3719703
727	12,31799	0,7888321	2,335104	0,7888321	2,335104	0,378768

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
676	0,4420186	0,332753	0,997039	52,54161	13,9774	2,434783
677	0,4409546	0,33383	0,965221	72,35123	13,94915	2,458333
678	0,454405	0,332962	1,181403	74,5529	13,97498	2,304348
679	0,4298593	0,309641	1,102396	51,24835	14,97094	2,384615
680	0,4147411	0,309503	0,892963	32,16029	14,97256	2,538461
681	0,4500661	0,332932	1,137206	29,57335	13,97579	2,347826
682	0,4376806	0,357497	0,845064	144,9872	13,01856	2,551724
683	0,4372944	0,343182	0,821325	66,75986	13,67877	2,566667
684	0,4549526	0,382588	0,998596	403,6776	12,17111	2,422222
685	0,4505879	0,408569	0,912677	237,2602	11,32042	2,489362
686	0,4407286	0,389587	0,847268	72,85782	11,71186	2,545455
687	0,4392318	0,341455	1,004774	225,6652	13,5004	2,454545
688	0,4260548	0,360115	0,964353	44,8069	12,6707	2,5
689	0,4366912	0,389588	0,778135	54,82135	11,72881	2,59375
690	0,4686791	0,367462	1,376819	160,8257	12,4996	2,192308
691	0,4695335	0,34171	1,439343	110,0662	13,44552	2,15
692	0,4080946	0,316508	0,81057	56,92723	14,44471	2,615385
693	0,4219661	0,316698	1,041152	39,97768	14,4431	2,461539
694	0,3562072	0,294897	1,361654	44,1368	15,44229	2,4
695	0,4281006	0,338352	1,028169	39,62169	13,49879	2,428571
696	0,4281006	0,338352	1,028169	25,56237	13,49879	2,428571
697	0,4347958	0,360749	1,029346	25,59421	12,64568	2,444444
698	0,4447414	0,33894	1,204822	74,30645	13,49233	2,3125
699	0,415241	0,31452	1,052207	24,55677	14,48507	2,454545
700	0,4491222	0,29761	2,168826	47,29039	15,32849	2
701	0,4491222	0,294768	2,168826	35,55853	15,17676	2
702	0,4308271	0,306853	1,749302	44,06646	14,51735	2,142857
703	0,4283173	0,330649	1,352482	28,89526	13,52462	2,3
704	0,4421295	0,358412	1,181585	71,19501	12,53188	2,352941
705	0,4382766	0,349271	0,966258	85,72665	13,06134	2,478261
706	0,4491222	0,353609	1,072777	57,89958	13,14447	2,384615
707	0,4386742	0,364114	0,897634	85,3598	12,44471	2,518518
708	0,4409546	0,385716	0,992447	59,63712	11,60855	2,458333
709	0,4467427	0,413353	0,986637	101,9702	10,76352	2,451613
710	0,435846	0,408761	0,836871	56,74687	10,82809	2,555556
711	0,4219661	0,337342	1,041152	27,81	13,40436	2,461539
712	0,4283173	0,354031	1,352482	27,09906	12,58354	2,3
713	0,4362086	0,377772	1,083242	53,17941	11,73366	2,411765
714	0,4421141	0,346968	1,508574	33,52524	12,72074	2,2
715	0,4678925	0,321109	1,978518	31,11754	13,7046	2
716	0,4429709	0,409425	0,941161	54,28962	10,83132	2,482759
717	0,3562072	0,343699	1,361654	50,06411	12,76029	2,4
718	0,4219661	0,375464	1,041152	33,31044	11,7611	2,461539
719	0,3154649	0,218408	3	63,30509	20,3527	2
720	0,4481426	0,293031	1,332444	46,40993	15,37288	2,266667
721	0,5	0,230211	3,643856	41,39897	19,35351	1,75
722	0,5	0,24335	2,974937	44,91785	18,35593	1,8
723	0,4308271	0,25803	1,749302	35,714	17,35997	2,142857
724	0,4283173	0,274426	1,352482	26,98747	16,36562	2,3
725	0,449237	0,384501	0,872009	89,06136	11,63115	2,475
726	0,4279298	0,354647	0,707477	37,43156	12,59161	2,625
727	0,4546044	0,414266	0,889124	88,14427	10,7619	2,474576

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
676	13,46181	2,217949	1240	24	0,020965	0,130435
677	13,4401	2,2375	1240	25	0,020919	0,126812
678	13,46014	2,128205	1240	24	0,020961	0,118577
679	14,45632	2,25	1240	14	0,02257	0,230769
680	14,45752	2,354167	1240	14	0,022573	0,25641
681	13,46014	2,128205	1240	24	0,020963	0,12253
682	12,4969	2,429825	1240	30	0,019416	0,110837
683	13,22482	2,413793	1240	31	0,020483	0,108046
684	11,61623	2,278106	1240	46	0,018047	0,064646
685	10,73843	2,348485	1240	48	0,016673	0,064755
686	11,1821	2,458015	1240	34	0,017305	0,096591
687	12,99212	2,392405	1240	23	0,020195	0,138528
688	12,12959	2,513889	1240	17	0,018854	0,2
689	11,17613	2,527027	1240	33	0,017332	0,102823
690	12,01551	2,177778	1240	27	0,018578	0,095385
691	12,96969	2,081967	1240	21	0,020106	0,121053
692	13,96921	2,342857	1240	14	0,02172	0,269231
693	13,96826	2,228571	1240	14	0,021717	0,24359
694	14,96778	2,388889	1240	6	0,023332	0,7
695	13,01504	2,272727	1240	15	0,020192	0,21978
696	13,01504	2,272727	1240	15	0,020192	0,21978
697	12,12959	2,373134	1240	19	0,018814	0,169935
698	13,01074	2,166667	1240	17	0,020181	0,175
699	14,00597	2,258065	1240	12	0,021785	0,290909
700	14,87733	2,052632	1240	7	0,023148	0,4
701	14,78663	1,8	1240	7	0,022903	0,4
702	14,16587	2	1240	8	0,021837	0,380952
703	13,17064	2,25	1240	11	0,020234	0,288889
704	12,17542	2,333333	1240	18	0,01863	0,169118
705	12,68807	2,303797	1240	24	0,019485	0,134387
706	12,72625	2,22093	1240	27	0,01962	0,110769
707	12,10788	2,369565	1240	28	0,018489	0,116809
708	11,24463	2,423913	1240	25	0,017138	0,126812
709	10,37017	2,441176	1240	32	0,015773	0,096774
710	10,42267	2,5	1240	28	0,015877	0,119658
711	13,07661	2,46	1240	14	0,020039	0,24359
712	12,2253	2,368421	1240	11	0,018713	0,288889
713	11,34773	2,344262	1240	18	0,01734	0,176471
714	12,33866	2,1875	1240	11	0,018935	0,266667
715	13,32649	1,8	1240	9	0,020524	0,285714
716	10,42745	2,453846	1240	30	0,015883	0,105911
717	12,36826	2,45	1240	6	0,018999	0,7
718	11,36874	2,45283	1240	14	0,017385	0,24359
719	20,23723	1,714286	1240	4	0,031264	1
720	15,24916	2	1240	16	0,02322	0,180952
721	19,23771	1,444444	1240	5	0,02965	0,5
722	18,23914	1,583333	1240	6	0,028039	0,4
723	17,24153	2,05	1240	8	0,02643	0,380952
724	16,24487	2,16129	1240	11	0,024823	0,288889
725	11,44153	2,265625	1240	41	0,017175	0,075641
726	12,41002	2,454545	1240	25	0,018726	0,141304
727	10,54654	2,259459	1240	60	0,01577	0,050847

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
676	0,634053	0,232558	1,685267	0,637417	4,029077	1,939168	4190
677	0,634849	0,222222	1,681598	0,633506	4,031261	1,979488	4190
678	0,634121	0,302326	1,684952	0,57947	4,03277	1,746709	4190
679	0,616526	0,217391	1,81429	0,864947	4,090071	1,863922	4190
680	0,616482	0,130435	1,814499	0,961052	4,087445	2,073444	4190
681	0,634098	0,27907	1,685057	0,598786	4,03118	1,793869	4190
682	0,65155	0,181818	1,56075	0,612652	3,958391	2,162488	4190
683	0,642474	0,175439	1,646486	0,608474	4,056911	2,196474	4190
684	0,666731	0,264368	1,450698	0,460432	3,885379	1,971655	4190
685	0,682909	0,230769	1,340227	0,473527	3,764192	2,085318	4190
686	0,670882	0,190476	1,39106	0,573751	3,757755	2,157739	4190
687	0,637581	0,219512	1,623323	0,661778	3,983947	1,952499	4190
688	0,651826	0,172414	1,515576	0,819941	3,850154	1,979472	4190
689	0,670362	0,163934	1,393261	0,600264	3,765499	2,259973	4190
690	0,656931	0,367347	1,493356	0,497022	3,864462	1,623802	4190
691	0,639172	0,378378	1,616196	0,551419	3,963258	1,526921	4190
692	0,620875	0,086957	1,745952	1,009105	4,022272	2,141243	4190
693	0,62092	0,173913	1,745743	0,913	4,0242	1,886684	4190
694	0,603589	0	1,8755	2,005601	4,087632	1,509344	4190
695	0,637627	0,2	1,623113	0,849708	3,925381	1,867267	4190
696	0,637627	0,2	1,623113	0,849708	3,925381	1,867267	4190
697	0,652573	0,212121	1,512327	0,735716	3,845948	1,898284	4190
698	0,637815	0,275862	1,622275	0,717448	3,931329	1,704676	4190
699	0,619737	0,157895	1,751193	1,021143	4,003512	1,878092	4190
700	0,606713	0,333333	1,860721	1,177686	4,071083	1,091162	4190
701	0,600232	0,333333	1,841017	1,177686	4,051768	1,091162	4190
702	0,608096	0,272727	1,755386	1,160139	4,00725	1,294239	4190
703	0,626351	0,235294	1,626467	0,979635	3,926505	1,568706	4190
704	0,645688	0,258065	1,497549	0,712838	3,849073	1,754716	4190
705	0,640172	0,209302	1,566305	0,656733	3,939852	2,00081	4190
706	0,6479	0,265306	1,577101	0,577187	3,971607	1,865525	4190
707	0,648366	0,196078	1,486229	0,621081	3,873589	2,089525	4190
708	0,664008	0,222222	1,377644	0,633506	3,74174	1,965858	4190
709	0,680927	0,237288	1,267907	0,555007	3,615795	1,985757	4190
710	0,678817	0,176471	1,276291	0,636229	3,598954	2,154495	4190
711	0,629939	0,173913	1,61085	0,913	3,94991	1,886684	4190
712	0,644101	0,235294	1,504257	0,979635	3,823575	1,568706	4190
713	0,660046	0,225806	1,39389	0,743831	3,708622	1,866857	4190
714	0,639885	0,294118	1,522075	0,904278	3,80101	1,439526	4190
715	0,620982	0,384615	1,64984	0,901894	3,895679	1,220931	4190
716	0,678712	0,218182	1,276711	0,585423	3,597368	2,029202	4190
717	0,63867	0	1,527211	2,005601	3,792214	1,509344	4190
718	0,659177	0,173913	1,397454	0,913	3,703234	1,886684	4190
719	0,508043	0	2,513174	3	4,475246	0,8102832	4190
720	0,583292	0,296296	1,866486	0,720806	4,140286	1,608219	4190
721	0,521676	0,4	2,383417	1,42048	4,414474	0,7948101	4190
722	0,535962	0,428571	2,25387	1,146058	4,348753	0,8754029	4190
723	0,550953	0,272727	2,124532	1,160139	4,279747	1,294239	4190
724	0,566708	0,235294	1,995404	0,979635	4,210424	1,568706	4190
725	0,652573	0,233766	1,380579	0,502156	3,744799	2,107224	4190
726	0,632873	0,133333	1,505305	0,705906	3,837855	2,369384	4190
727	0,670481	0,243478	1,267697	0,428247	3,643233	2,102714	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
676	78	17318	56
677	80	17283	59
678	78	17315	53
679	48	18549	31
680	48	18551	33
681	78	17316	54
682	114	16130	74
683	116	16948	77
684	169	15080	109
685	198	14026	117
686	131	14511	84
687	79	16727	54
688	72	15699	40
689	148	14532	83
690	90	15487	57
691	61	16659	43
692	35	17897	34
693	35	17895	32
694	18	19133	12
695	44	16725	34
696	44	16725	34
697	67	15668	44
698	48	16717	37
699	31	17947	27
700	19	18992	12
701	15	18804	12
702	19	17987	15
703	32	16757	23
704	63	15527	40
705	79	16183	57
706	86	16286	62
707	92	15419	68
708	92	14383	59
709	136	13336	76
710	124	13416	69
711	50	16608	32
712	38	15591	23
713	61	14538	41
714	32	15761	22
715	20	16980	16
716	130	13420	72
717	20	15810	12
718	53	14572	32
719	7	25217	6
720	43	19047	34
721	9	23979	7
722	12	22743	9
723	20	21509	15
724	31	20277	23
725	128	14411	99
726	88	15601	63
727	185	13334	146

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
728	3087,8592	1967,6392	3236,1186	1939,5494	19183	32	186308
729	3124,3538	1891,7208	3128,9157	1964,6024	523	8	11426
730	3120,5523	1902,3494	3144,8820	1884,8882	120	3	6451,5
731	3137,2790	1887,9249	3160,8485	1894,7576	4	2	3913
732	3157,8072	1890,2025	3166,1706	1957,7698	1342	5	15529,5
733	3153,2454	1898,5535	3200,3843	1882,6106	17	0	4004
734	3185,1782	1796,8229	3201,1446	1950,9371	13318	30	123918,5
735	3159,3279	1850,7249	3195,0622	1843,8923	0	0	1943,5
736	3160,8485	1815,0433	3252,8453	1805,1739	706	3	8741
737	3221,6728	1862,8719	3224,7141	1734,5699	18	0	3957
738	3188,9797	1869,7045	3260,4484	1848,4474	8684	18	85999
739	3242,9614	1849,9657	3355,4864	1897,7943	6815	16	65504
740	3255,8866	1859,8351	3257,4072	1834,7821	0	0	3892
741	3223,9537	1878,8147	3230,8574	1968,6380	84	6	4322
742	3098,5644	2018,7441	3174,5948	1976,2298	2351	5	20122
743	3155,8599	1983,4421	3236,1795	1961,8053	1333	7	11300,5
744	3184,4788	1970,1564	3201,9658	2064,2951	0	0	1954,5
745	3049,1445	1968,6380	3077,2758	1930,6788	2227	14	15084
746	3068,1522	1935,9931	3095,5231	1934,4747	1117	2	7750
747	3083,3583	1938,2707	3115,2910	1917,0135	0	0	1941,5
748	3063,5718	2026,1112	3083,3613	1993,4046	3334	34	30083
749	3021,9457	2031,2216	3075,1725	2016,9125	1114	3	9669
750	3062,8894	2017,5939	3080,2905	2046,5529	0	0	3861
751	3022,6281	2055,0703	3027,4048	2025,7705	0	0	1936,5
752	2902,9515	2205,3837	2956,6112	1933,1078	77496	114	807080
753	2927,0666	2049,8695	2983,7146	2071,3640	0	0	1938,5
754	2808,1058	2039,6879	2812,5320	2162,6556	0	0	4396
755	2954,4880	2196,4778	3023,3683	2069,1014	0	0	1953
756	3778,8733	2324,5385	3831,8654	2324,5385	1884	6	17245
757	3826,9359	2317,1552	3841,1082	2424,2136	3903	10	31819,5
758	3823,8550	2320,2316	3855,2805	2319,6163	2777	4	23437
759	3841,1082	2315,3094	3854,0482	2326,3844	1721	3	15951
760	3849,1187	2323,3080	3880,5442	2320,8469	735	4	8827
761	3874,9986	2324,5385	3879,3119	2298,0816	143	6	4302
762	4064,7596	2363,7157	4064,7596	2448,0386	0	0	1128
763	3971,7605	2449,1060	3972,8295	2413,8825	0	0	1125,5
764	3891,5889	2421,3541	3892,6579	2328,4922	41011	14	371782
765	3392,0480	2233,3161	3466,8749	2220,5075	0	0	1219
766	2997,6037	2230,1139	3051,0515	2126,5782	4779	14	50903,5
767	3026,4655	2127,6456	3077,7753	2131,9151	3938	7	39155
768	3029,6724	2111,6349	3032,8792	2131,9151	0	0	1953,5
769	2784,8817	2162,8691	2886,4324	2150,0606	27678	35	287724
770	2863,9844	2145,7911	3011,5001	2225,8444	117115	200	1340749
771	2984,7763	2207,6990	3089,5338	2314,4368	101295	71	1217478
772	2738,5221	2529,1667	2765,2460	2183,3362	15463	118	196059,5
773	2737,4531	2435,2374	2789,8319	2432,0353	1334	4	27138
774	2780,2113	2438,4396	2802,6594	2196,1447	2281	26	45304,5
775	2773,7976	2429,9005	2899,9342	2517,4255	81528	86	1035224
776	2886,3775	2559,1450	2925,3598	2170,8704	105771	337	1311026
777	2777,0044	2358,3862	2913,8307	2367,9926	1115	9	22286
778	2755,6253	2260,1874	2859,3140	2263,3895	504	11	16722
779	2812,2800	2362,6557	2818,6937	2254,8505	42	5	6425,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
728	767,5	0,0212243	0,09368896	0,02501235	0,0431849
729	163,5	0,001301656	0,06868305	0,00068193	0,0588235
730	64	0,000734958	0,0512	0,000156466	0,0545455
731	39	0,000445771	0,06747404	5,22E-06	0,0444445
732	102,5	0,001769129	0,04566719	0,001749809	0,0416667
733	37	0,000456138	0,03822314	2,22E-05	0
734	351,5	0,01411686	0,1071483	0,01736509	0,1428571
735	12,5	0,000221405	0,01643655	0	0
736	39	0,000995779	0,05128205	0,00092054	0,0454546
737	30	0,000450784	0,05509642	2,35E-05	0
738	230	0,009797051	0,1520661	0,01132291	0,1176471
739	206	0,00746225	0,1648	0,008885951	0,1045752
740	27	0,000443379	0,02920498	0	0
741	98	0,000492365	0,04	0,000109526	0,0392157
742	159	0,002292309	0,02490406	0,003065425	0,0084034
743	107,5	0,001287359	0,04935721	0,001738074	0,0769231
744	8	0,000222658	0,04	0	0
745	134	0,001718377	0,01830476	0,002903744	0,0199147
746	69	0,000882884	0,03266272	0,001456435	0,0130719
747	9	0,000221177	0,04081633	0	0
748	382	0,003427071	0,03684413	0,00434714	0,0314524
749	118,5	0,001101497	0,03612254	0,001452524	0,0118577
750	61	0,000439847	0,01859473	0	0
751	13,5	0,000220607	0,02479339	0	0
752	2906	0,09194297	0,07360595	0,1010456	0,0531469
753	44,5	0,000220835	0,006501571	0	0
754	208	0,000500795	0,01777094	0	0
755	111,5	0,000222487	0,005154401	0	0
756	220	0,001964559	0,006874033	0,002456512	0,0045249
757	228	0,003624894	0,02261456	0,005089049	0,0246305
758	68	0,002669955	0,05902778	0,003620878	0,0512821
759	35	0,001817146	0,1215278	0,00224398	0,1428571
760	38	0,001005576	0,1723356	0,000958353	0,1904762
761	61	0,000490086	0,1355556	0,000186455	0,1090909
762	23	0,000128502	0,002415459	0	0
763	23	0,000128218	0,002415459	0	0
764	473	0,0423536	0,02985734	0,05347348	0,0188934
765	17	0,000138869	0,004197531	0	0
766	710,5	0,005798953	0,0190664	0,006231248	0,0074035
767	219	0,004460558	0,0412857	0,005134684	0,0333333
768	3,5	0,000222544	0,006427915	0	0
769	1524	0,03277767	0,03805766	0,03608882	0,0168269
770	5493	0,1527388	0,07076967	0,1527041	0,0499376
771	2583,5	0,1386957	0,0436638	0,1320767	0,0224684
772	3016,5	0,0223352	0,09063458	0,02016192	0,0889894
773	743	0,003091575	0,02023393	0,001739378	0,0025063
774	1368	0,005161112	0,0430839	0,002974153	0,0196078
775	3581	0,1179333	0,04060091	0,1063028	0,0229885
776	10862	0,1493528	0,1137567	0,1379128	0,0754759
777	811	0,002538833	0,01766711	0,001453828	0,004918
778	506	0,001904979	0,02803324	0,000657156	0,0134146
779	318	0,000731996	0,01470044	5,48E-05	0,0055371

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
728	5	1,616667	0,2941177	4,075519	1,346247	4,963554
729	3	0,866667	0,3	4,084658	1,479115	4,867902
730	3	1,166667	0,4285714	4,129263	1,526264	4,80966
731	2	0,666667	0,2857143	4,089992	1,508574	4,665183
732	3	1,2	0,3333333	4,083018	1,47264	4,846145
733	2	0,533333	0,25	4,102184	1,429023	4,765831
734	5	2,45	0,3846154	4,096637	1,538983	4,991047
735	1	0,2	0,1666667	4,099548	1,288753	4,451682
736	2	0,7	0,2857143	4,101275	1,4535	4,73869
737	2	0,75	0,3333333	4,122494	1,475435	4,726411
738	4	1,45	0,3636364	4,118345	1,523838	4,999924
739	4	1,416667	0,3636364	4,145102	1,523838	4,9928
740	2	0,5	0,2857143	4,130757	1,379765	4,80513
741	2	0,533333	0,2222222	4,084178	1,354402	4,769681
742	2	0,476191	0,1818182	4,016579	1,079194	4,64938
743	3	2	0,5	4,037639	1,29415	4,583662
744	1	0,333333	0,25	4,03986	1,487469	4,063996
745	2	0,5625	0,1052632	4,082807	1,241198	4,768644
746	2	1,5	0,5	4,087159	0,8347019	4,29056
747	1	0,5	0,3333333	4,088772	1,5	3,713775
748	4	1,03869	0,1666667	4,063083	1,32799	4,88048
749	3	1,75	0,5	4,068645	0,985025	4,619915
750	2	0,583333	0,3333333	4,068645	0,985025	4,619915
751	1	0,333333	0,25	4,070867	1,487469	4,091625
752	8	2,851191	0,32	3,997078	1,281859	4,537545
753	1	0,125	0,1111111	4,000585	1,112043	4,089154
754	2	0,333333	0,2	4,008987	1,120508	4,342718
755	1	0,125	0,1111111	3,931895	0,7648139	3,996445
756	2	0,416667	0,1333333	3,941586	1,007756	6,709404
757	3	1,125	0,25	3,972903	1,282876	13,96034
758	2	0,833333	0,3333333	3,983982	1,338623	11,26417
759	2	1	0,4	4,001065	1,530639	9,632932
760	2	1	0,4	4,02061	1,530639	10,77243
761	2	0,833333	0,3333333	4,061272	1,430827	12,06509
762	1	0,125	0,1111111	3,96347	1,051303	9,998683
763	1	0,125	0,1111111	3,96347	1,051303	9,998683
764	2	0,375	0,1538462	3,974606	1,098849	16,02553
765	1	0,2	0,1666667	3,900991	0,957891	4,29962
766	3	0,517857	0,1666667	3,891791	1,038097	4,408631
767	4	2	0,4444444	3,908612	1,342834	4,433409
768	1	0,25	0,2	3,91123	1,400501	3,975303
769	6	2,541667	0,3	3,980731	1,139186	4,504228
770	8	2,187155	0,1666667	3,928388	1,343313	4,435377
771	7	2,533333	0,2692308	3,852562	1,166705	4,550342
772	9	2,159524	0,2647059	4,160267	1,482506	4,728492
773	4	0,753968	0,2	4,144605	1,17035	4,637344
774	7	1,592857	0,3333333	4,135434	1,322541	4,695258
775	6	1,528822	0,1714286	4,082047	1,230398	4,589973
776	19	6,05119	0,372549	4,01279	1,501535	4,548651
777	4	0,862155	0,137931	4,045831	1,269385	4,53693
778	5	1,170635	0,25	4,114966	1,382498	4,652867
779	3	0,592857	0,25	4,10053	1,04547	4,551713

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
728	11,96218	0,7183349	1,987617	0,7183349	1,987617	0,3750331
729	6,4	0,6574054	1,466608	0,6574054	1,466608	0,3715643
730	4,615385	0,6130911	1,205285	0,6130911	1,205285	0,3688779
731	4	0,6059268	1,105854	0,6059268	1,105854	0,3684293
732	6,075949	0,6573148	1,393829	0,6573148	1,393829	0,3715589
733	4,745763	0,6071607	1,238816	0,6071607	1,238816	0,3685068
734	8,811189	0,6588581	1,8	0,6588581	1,8	0,3716499
735	2,871795	0,6069676	1,010281	0,6069676	1,010281	0,3684947
736	4,363636	0,6070448	1,136567	0,6070448	1,136567	0,3684995
737	3,870968	0,5640177	1,020788	0,5640177	1,020788	0,365717
738	7,384615	0,6084773	1,606352	0,6084773	1,606352	0,3685895
739	7,384615	0,5697435	1,606352	0,5697435	1,606352	0,3660968
740	4,571429	0,5667651	1,176875	0,5667651	1,176875	0,3658996
741	5,217391	0,6573601	1,359221	0,6573601	1,359221	0,3715616
742	6,015038	0,7484251	1,670116	0,7484251	1,670116	0,3766611
743	4,235294	0,684526	1,176875	0,684526	1,176875	0,3731384
744	2	0,628685	0,5817041	0,628685	0,5817041	0,3698403
745	6,530612	0,7241138	1,948768	0,7241138	1,948768	0,3753499
746	2,553191	0,6620125	1,139992	0,6620125	1,139992	0,3718353
747	1,333333	0,6096437	0,3333333	0,6096437	0,3333333	0,3686625
748	11,61783	0,7604147	2,206372	0,7604147	2,206372	0,3772954
749	4,5	0,6922743	1,362407	0,6922743	1,362407	0,3735791
750	4,5	0,692224	1,327473	0,692224	1,327473	0,3735762
751	2	0,6352146	0,5817041	0,6352146	0,5817041	0,3702376
752	18,92958	0,8677511	2,370786	0,8677511	2,370786	0,3826492
753	3,318518	0,7799333	1,416619	0,7799333	1,416619	0,3783114
754	5,793103	0,7899424	1,576375	0,7899424	1,576375	0,3788247
755	3,423198	0,8361896	1,73914	0,8361896	1,73914	0,3811317
756	6,561151	0,8642924	1,936466	0,8642924	1,936466	0,3824851
757	7,783784	0,7870101	1,669344	0,7870101	1,669344	0,3786748
758	4,173913	0,7147295	1,095291	0,7147295	1,095291	0,3748344
759	3	0,6553282	0,8619656	0,6553282	0,8619656	0,3714416
760	3	0,6092544	0,8619656	0,6092544	0,8619656	0,3686382
761	4	0,5716894	1,044581	0,5716894	1,044581	0,3662252
762	3,345912	0,7863615	1,466977	0,7863615	1,466977	0,3786416
763	3,345912	0,7863615	1,466977	0,7863615	1,466977	0,3786416
764	6,27907	0,7952095	1,770222	0,7952095	1,770222	0,3790927
765	3,05618	0,7734212	1,272488	0,7734212	1,272488	0,3779747
766	9,36803	0,880159	2,09189	0,880159	2,09189	0,383234
767	6,933333	0,8004802	1,5	0,8004802	1,5	0,3793595
768	2,526316	0,7251595	0,8063838	0,7251595	0,8063838	0,375407
769	15,07563	0,8477807	2,211095	0,8477807	2,211095	0,3816942
770	23,00214	0,9379595	2,886655	0,9379595	2,886655	0,3858756
771	18,46769	0,9404558	2,406221	0,9404558	2,406221	0,3859868
772	19,47331	0,8140026	2,748533	0,8140026	2,748533	0,3800378
773	11,6624	0,8098569	2,128262	0,8098569	2,128262	0,3798308
774	15,93434	0,8048696	2,213104	0,8048696	2,213104	0,3795806
775	18,07919	0,8895137	2,573182	0,8895137	2,573182	0,3836706
776	37,34414	0,9143195	3,205419	0,9143195	3,205419	0,384811
777	12,42353	0,8235584	2,363693	0,8235584	2,363693	0,3805118
778	12,62295	0,7766952	2,098753	0,7766952	2,098753	0,3781442
779	8,170213	0,7537466	1,8097	0,7537466	1,8097	0,3769436

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
728	0,4498565	0,380517	0,961605	150,897	11,71994	2,461539
729	0,4484876	0,34902	1,267812	73,02422	12,71348	2,294118
730	0,4488558	0,329046	1,526264	29,94713	13,56013	2,181818
731	0,4421141	0,322108	1,508574	24,53985	13,70864	2,2
732	0,4447414	0,348832	1,251744	68,08295	12,71509	2,3125
733	0,4355583	0,323726	1,190852	49,76195	13,68281	2,357143
734	0,4653383	0,350817	1,410734	154,9391	12,68765	2,190476
735	0,4148074	0,323415	0,985517	36,38166	13,68684	2,5
736	0,432429	0,323593	1,2597	92,52473	13,68523	2,333333
737	0,4283173	0,302211	1,352482	128,338	14,65295	2,3
738	0,4582942	0,325706	1,378711	74,56293	13,65537	2,222222
739	0,4582942	0,306953	1,378711	122,268	14,51574	2,222222
740	0,4281006	0,304292	1,089288	25,09916	14,58676	2,428571
741	0,4347958	0,348955	1,029346	90,08818	12,71429	2,444444
742	0,4342335	0,390724	0,681596	87,10967	11,28894	2,657143
743	0,4281006	0,359236	1,021698	83,18285	12,24939	2,428571
744	0,3868528	0,330111	1,784963	95,74911	13,24859	2,2
745	0,448522	0,384264	0,880122	47,24686	11,63438	2,473684
746	0,4125253	0,351681	0,528645	27,41306	12,63196	2,722222
747	0,3154649	0,323987	3	38,36102	13,63115	2
748	0,455282	0,40158	0,965811	38,2276	11,12671	2,425532
749	0,4248755	0,366093	0,638935	55,11666	12,12349	2,652174
750	0,421863	0,366066	0,622121	33,78495	12,12429	2,695652
751	0,3868528	0,336099	1,784963	29,68655	13,12268	2,2
752	0,4532283	0,450826	0,867521	277,5131	9,874092	2,515152
753	0,4279298	0,405553	0,731607	60,58889	10,87329	2,625
754	0,4326119	0,411621	0,723661	123,0474	10,74818	2,633333
755	0,430896	0,427342	0,437037	144,8076	10,20904	2,808511
756	0,4390808	0,442795	0,61392	52,99211	9,909604	2,692308
757	0,4402798	0,406402	0,89503	107,9924	10,7845	2,517241
758	0,4219661	0,370103	1,041152	31,43157	11,77401	2,461539
759	0,4308271	0,340797	1,749302	17,03226	12,75061	2,142857
760	0,4308271	0,318383	1,749302	31,52177	13,63923	2,142857
761	0,4251371	0,301772	1,226423	26,80627	14,46973	2,363636
762	0,4279466	0,405102	0,669011	84,32288	10,79257	2,666667
763	0,4279466	0,405102	0,669011	35,2397	10,79257	2,666667
764	0,4373273	0,410812	0,697682	92,86806	10,68362	2,641026
765	0,4184811	0,392155	0,595446	75,91518	10,95642	2,727273
766	0,4425633	0,445228	0,634953	116,5174	9,748991	2,677419
767	0,4403938	0,406669	1,018702	51,48718	10,61985	2,428571
768	0,4057538	0,368647	1,260451	20,53217	11,61905	2,375
769	0,4468112	0,438648	0,722945	102,3553	10,08313	2,615385
770	0,4648244	0,47893	0,985818	167,8375	9,209846	2,388889
771	0,4502701	0,470936	0,744119	149,5564	9,188055	2,6
772	0,4763384	0,440165	1,288079	346,8615	10,46005	2,192308
773	0,4461845	0,436274	0,754226	52,47657	10,50847	2,596491
774	0,4525785	0,432628	0,922298	243,3325	10,56739	2,480769
775	0,4547257	0,471957	0,814098	153,5288	9,656981	2,54023
776	0,4736753	0,476889	1,201228	390,2266	9,422114	2,273684
777	0,4549464	0,433083	0,884291	137,163	10,35028	2,47541
778	0,4542459	0,415416	1,018683	103,7381	10,91445	2,414634
779	0,436984	0,401727	0,647897	107,9958	11,2163	2,674419

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
728	11,5136	2,265625	1240	40	0,017318	0,076923
729	12,50788	2,289855	1240	18	0,018923	0,161765
730	13,38544	2,3	1240	12	0,020291	0,236364
731	13,50406	2,088235	1240	11	0,020531	0,266667
732	12,50955	2,343284	1240	17	0,018926	0,175
733	13,48544	2,181818	1240	15	0,020489	0,208791
734	12,4895	2,222222	1240	22	0,018882	0,119048
735	13,48902	2,333333	1240	13	0,020496	0,272727
736	13,48759	2,179487	1240	13	0,020493	0,242424
737	14,46348	2,121212	1240	11	0,022056	0,288889
738	13,46539	2,018182	1240	19	0,020445	0,143791
739	14,35227	1,94	1240	19	0,021835	0,143791
740	14,40979	2,186047	1240	15	0,02195	0,21978
741	12,50979	2,428571	1240	19	0,018925	0,169935
742	11,07709	2,433628	1240	36	0,016622	0,097479
743	12,04582	2,530303	1240	15	0,018174	0,21978
744	13,04535	2,35	1240	6	0,019788	0,6
745	11,44535	2,280992	1240	39	0,01718	0,079659
746	12,44391	2,569231	1240	19	0,018792	0,202614
747	13,44344	2,571429	1240	4	0,020406	1
748	10,94439	2,1875	1240	48	0,01636	0,06198
749	11,94201	2,432099	1240	24	0,01797	0,150198
750	11,94248	2,45679	1240	24	0,017971	0,15415
751	12,94153	2,545455	1240	6	0,019584	0,6
752	9,460143	2,409253	1240	67	0,014336	0,04662
753	10,45967	2,564103	1240	25	0,01595	0,141304
754	10,24487	2,588235	1240	31	0,015748	0,112644
755	9,733174	2,649039	1240	48	0,014877	0,078631
756	9,405012	2,525692	1240	53	0,014394	0,066365
757	10,30955	2,56338	1240	30	0,015807	0,108374
758	11,30286	2,416667	1240	14	0,017406	0,24359
759	12,28568	2,208333	1240	8	0,018983	0,380952
760	13,20525	2,095238	1240	8	0,020419	0,380952
761	14,08067	2,166667	1240	12	0,02176	0,272727
762	10,31527	2,652174	1240	28	0,01582	0,128205
763	10,31527	2,652174	1240	28	0,01582	0,128205
764	10,23723	2,595506	1240	40	0,015644	0,08637
765	10,6494	2,566667	1240	23	0,016085	0,164502
766	9,284248	2,564103	1240	63	0,014134	0,054997
767	10,18186	2,504854	1240	22	0,015541	0,142857
768	11,18138	2,393939	1240	9	0,017155	0,392857
769	9,611456	2,498233	1240	66	0,014674	0,050481
770	8,733651	2,291878	1240	91	0,013263	0,031211
771	8,750597	2,44186	1240	81	0,013228	0,040506
772	9,838663	2,193799	1240	53	0,015283	0,046757
773	9,871361	2,483395	1240	58	0,015361	0,057018
774	9,920525	2,388889	1240	53	0,015456	0,058069
775	9,011217	2,445238	1240	88	0,013985	0,035819
776	8,847733	2,155607	1240	96	0,013606	0,0271
777	9,77327	2,412541	1240	62	0,015105	0,04918
778	10,32482	2,310526	1240	42	0,016017	0,070732
779	10,64224	2,538461	1240	44	0,016505	0,079734

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
728	0,649672	0,24	1,392108	0,503115	3,743675	2,025701	4190
729	0,629013	0,290323	1,521132	0,681845	3,824617	1,664782	4190
730	0,614095	0,31579	1,631079	0,829679	3,926684	1,466868	4190
731	0,609532	0,294118	1,650364	0,904278	3,907971	1,439526	4190
732	0,628962	0,275862	1,521341	0,717448	3,823415	1,683883	4190
733	0,610326	0,24	1,64701	0,807222	3,921644	1,717639	4190
734	0,629831	0,358974	1,517778	0,555556	3,842758	1,567723	4190
735	0,610202	0,142857	1,647534	0,989823	3,916074	1,909776	4190
736	0,610251	0,238095	1,647325	0,879843	3,91818	1,650112	4190
737	0,59269	0,235294	1,772994	0,979635	4,012553	1,568706	4190
738	0,611169	0,333333	1,643447	0,622529	3,939161	1,583711	4190
739	0,596783	0,333333	1,755176	0,622529	4,034115	1,583711	4190
740	0,594664	0,2	1,764399	0,849708	4,019988	1,828847	4190
741	0,628988	0,212121	1,521236	0,735716	3,822702	1,898284	4190
742	0,65269	0,134328	1,336139	0,598761	3,638611	2,393637	4190
743	0,632369	0,2	1,460865	0,849708	3,745631	1,953459	4190
744	0,612065	0,142857	1,590622	1,719087	3,83143	1,214956	4190
745	0,652468	0,232877	1,380998	0,513145	3,741431	2,095714	4190
746	0,631595	0,060606	1,510545	0,877199	3,818762	2,622044	4190
747	0,611913	0	1,640302	3	3,898185	0,8102832	4190
748	0,658167	0,263736	1,315072	0,453233	3,662529	2,00243	4190
749	0,636484	0,116279	1,444514	0,733995	3,744004	2,475852	4190
750	0,636457	0,093023	1,444619	0,753311	3,742003	2,480878	4190
751	0,616053	0,142857	1,574271	1,719087	3,826265	1,214956	4190
752	0,70045	0,224806	1,152404	0,421801	3,499007	2,165772	4190
753	0,67734	0,133333	1,282161	0,705906	3,587941	2,28591	4190
754	0,681429	0,140351	1,265915	0,634367	3,573556	2,32496	4190
755	0,689143	0,065934	1,195901	0,574997	3,487401	2,810516	4190
756	0,608837	0,128713	1,157016	0,516405	3,444275	2,510502	4190
757	0,551083	0,2	1,270632	0,599038	3,556017	2,091955	4190
758	0,526983	0,173913	1,399131	0,913	3,653736	1,886684	4190
759	0,505402	0,272727	1,525953	1,160139	3,755048	1,294239	4190
760	0,467998	0,272727	1,641351	1,160139	3,854686	1,294239	4190
761	0,455498	0,210526	1,749202	0,957322	3,95575	1,686233	4190
762	0,550713	0,117647	1,27168	0,681674	3,553359	2,388399	4190
763	0,550713	0,117647	1,27168	0,681674	3,553359	2,388399	4190
764	0,534745	0,146667	1,25753	0,564901	3,564548	2,369183	4190
765	0,62703	0,073171	1,292957	0,785862	3,507549	2,498745	4190
766	0,694614	0,140496	1,136158	0,478037	3,425837	2,486395	4190
767	0,675276	0,230769	1,24925	0,666667	3,527256	1,96529	4190
768	0,652969	0,153846	1,379007	1,240104	3,631845	1,602149	4190
769	0,693393	0,173228	1,17955	0,452265	3,516082	2,368829	4190
770	0,713433	0,293785	1,066144	0,346422	3,389058	1,989548	4190
771	0,704107	0,184713	1,063314	0,41559	3,347357	2,337049	4190
772	0,700383	0,386139	1,228497	0,36383	3,653461	1,675411	4190
773	0,69885	0,18018	1,234786	0,469867	3,635016	2,303446	4190
774	0,696984	0,237624	1,242437	0,451854	3,628109	2,090588	4190
775	0,717089	0,216374	1,12421	0,388624	3,531787	2,219762	4190
776	0,715706	0,352941	1,09371	0,311972	3,466392	1,785513	4190
777	0,694432	0,243698	1,214243	0,423067	3,562538	2,109013	4190
778	0,685992	0,265823	1,287506	0,476473	3,637501	1,9492	4190
779	0,676432	0,13253	1,326706	0,552578	3,669986	2,464633	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
728	128	14521	96
729	69	15752	39
730	50	16801	24
731	34	16985	22
732	67	15754	37
733	44	16953	33
734	81	15720	46
735	39	16958	30
736	39	16956	28
737	33	18155	23
738	55	16919	40
739	50	17985	40
740	43	18073	34
741	70	15753	44
742	113	13987	93
743	66	15177	34
744	20	16415	11
745	121	14415	94
746	65	15651	49
747	21	16889	6
748	144	13786	114
749	81	15021	61
750	81	15022	62
751	33	16259	11
752	281	12234	166
753	117	13472	63
754	153	13317	79
755	208	12649	132
756	253	12278	140
757	142	13362	73
758	48	14588	32
759	24	15798	15
760	21	16899	15
761	30	17928	26
762	138	13372	72
763	138	13372	72
764	178	13237	103
765	90	13575	60
766	273	12079	166
767	103	13158	51
768	33	14396	19
769	283	12493	170
770	394	11411	215
771	344	11384	208
772	258	12960	114
773	271	13020	148
774	252	13093	129
775	420	11965	221
776	437	11674	216
777	303	12824	151
778	190	13523	99
779	208	13897	115

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
780	2826,1764	2264,4569	2859,3140	2151,3148	1289	18	23719
781	2798,3835	2207,8859	2845,4176	2210,0206	155	5	8264
782	2537,5586	2233,5030	2715,0051	2569,7271	2589	22	38624
783	2704,3155	2360,5210	2757,7633	2363,7231	277	4	7642
784	2540,7654	2423,4963	2722,4877	2358,3862	883	13	15933,5
785	2531,1448	2382,9359	2684,0054	2318,8932	3528	13	53662
786	2655,1436	2323,1627	2843,2796	2324,2301	7895	69	117288
787	2475,5592	2252,7158	2583,3475	2487,7153	20904	22	257477,5
788	2733,2466	2490,8972	2833,3219	2549,7831	12823	34	162873
789	2559,3504	2453,9322	2726,0984	2655,0639	22452	47	283743
790	2692,2638	2601,9219	2973,5912	3186,4562	16514	97	195368
791	2575,9815	2356,8242	2622,3253	2469,8226	160	8	7760
792	2882,0665	2335,3007	2925,1771	2336,3769	0	0	3729
793	2901,4662	2356,8242	2961,8210	2357,9004	482	2	17342
794	2903,6218	2346,0625	2994,1540	2297,6346	892	14	25396
795	2931,6437	2277,1873	2958,5877	2363,2813	957	33	28078,5
796	2945,6546	2480,5843	2953,1989	2324,5390	3693	50	62661
797	2876,6777	2400,9474	2907,9328	2402,0236	0	0	1857,5
798	2892,8441	2450,4514	2949,9656	2454,7561	239	2	9056
799	2804,4675	2539,7739	2859,4334	2480,5843	82	1	5016
800	2821,7117	2551,6118	2882,0665	2495,6508	3949	18	54505
801	2838,9559	2527,9360	2956,2258	2663,7098	23027	67	321840,5
802	2816,3229	2605,4205	2892,8441	2547,3071	6459	11	88507
803	2888,5331	2602,1920	2937,0325	2533,3169	199	0	9211,5
804	2679,4468	2369,7383	2694,5355	2434,3088	2	1	3741
805	2644,9584	2451,5276	2696,6910	2423,5471	283	7	7501
806	2679,4468	2428,9279	2679,4468	2468,7464	173	2	5042
807	3081,2347	2878,0212	3189,7943	2933,4702	18710	14	263408,5
808	2981,0104	2723,3576	3103,5731	2891,4994	17892	23	251410,5
809	2934,3642	2627,8367	3001,1855	2759,1300	17296	45	237952
810	3136,1075	2635,6386	3181,2873	2769,1735	4523	14	38656
811	3045,1456	2726,4664	3196,3472	2672,3306	3847	6	39335
812	3110,2044	2700,0000	3124,0595	2728,8724	258	1	5707
813	3100,5661	2730,0754	3167,4321	2712,0302	137	1	4791
814	3162,0106	2726,4664	3196,3472	2711,4287	1102	4	7719
815	3190,3232	2710,8272	3202,3711	2725,2634	0	0	1938
816	3021,6521	2664,5110	3052,3743	2734,2860	4366	7	44326
817	2839,1258	2810,6775	2924,6662	2728,2709	4573	44	56680
818	2913,8230	2733,6845	3045,1456	2683,1578	5828	28	64160
819	2799,9700	2734,2860	2935,5093	2660,3005	176	0	6023
820	2844,8294	2608,4464	2921,6542	2742,7071	292	22	13831
821	2809,0060	2864,2118	2935,5093	2772,1810	1467	18	24409
822	2863,2217	2777,5946	2896,9559	2805,2640	6	2	3867
823	2762,2623	2662,7396	2854,8985	2617,1601	94	0	4483
824	2783,0719	2709,6597	2926,0539	2618,5007	10655	22	165431,5
825	2858,9262	2641,2904	2913,2997	2607,7761	223	5	6935
826	2768,9750	2771,9964	2819,9921	2747,1958	15	4	2998
827	2877,7220	2541,4176	2991,1678	2593,0298	4857	31	66187
828	2913,2997	2621,8521	2987,0369	2507,3429	11019	50	168852
829	2928,0677	2644,6419	2975,0572	2547,4502	5734	17	82579
830	2883,7634	2530,6930	2985,1263	2556,1640	5499	54	82532
831	2956,2614	2532,7039	2997,8806	2543,4285	270	3	11287,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
780	607	0,002702081	0,03746914	0,001680703	0,0285714
781	209	0,000941439	0,02194917	0,000202102	0,0132275
782	711	0,004400066	0,04920415	0,003375749	0,033033
783	216	0,000870581	0,01869806	0,000361175	0,0067227
784	378	0,001815153	0,05920589	0,001151327	0,0513834
785	677	0,006113203	0,04472189	0,004600093	0,0206349
786	2403,5	0,01336151	0,08558101	0,01029414	0,0563265
787	795,5	0,02933197	0,03677422	0,02725633	0,0232558
788	1188,5	0,01855458	0,02826397	0,01671967	0,0185792
789	1641	0,03232415	0,0594296	0,02927474	0,0341074
790	2353	0,02225642	0,06601299	0,0215323	0,0548023
791	228,5	0,000884023	0,02833406	0,000208621	0,0246154
792	180	0,00042481	0,005126379	0	0
793	394	0,00197561	0,009369798	0,000628471	0,0012099
794	1107,5	0,002893125	0,02866052	0,001163062	0,0090909
795	1701,5	0,003198717	0,0531644	0,001247814	0,0258824
796	2214	0,007138373	0,06211337	0,004815233	0,0324675
797	83	0,000211607	0,002573005	0	0
798	389	0,001031664	0,009250891	0,000311628	0,0012099
799	186	0,000571425	0,008435374	0,000106918	0,0012821
800	850,5	0,006209238	0,02282333	0,005149027	0,0125786
801	2990	0,03666424	0,04995155	0,03002447	0,0228982
802	1001	0,01008276	0,01849576	0,008421769	0,0054563
803	279	0,001049379	0,01218447	0,000259472	0
804	48	0,000426177	0,02757828	2,61E-06	0,0128205
805	121	0,000854518	0,03429705	0,000368998	0,0457516
806	52	0,000574387	0,009433107	0,000225572	0,0095238
807	694,5	0,03000763	0,03210521	0,02439562	0,0141414
808	871,5	0,02864081	0,06894506	0,02332904	0,0386555
809	1768	0,02710762	0,0764954	0,02255193	0,0398936
810	124	0,004403712	0,1475312	0,005897455	0,1538462
811	114,5	0,004481064	0,1036668	0,005016031	0,0659341
812	22	0,000650144	0,0831758	0,000336401	0,0476191
813	21	0,000545793	0,06213018	0,000178632	0,0222222
814	22	0,000879353	0,06508876	0,001436877	0,0888889
815	6,5	0,000220778	0,05078125	0	0
816	211	0,005049641	0,03755785	0,005692746	0,030303
817	1732,5	0,006457015	0,05820008	0,005962649	0,0296296
818	824	0,007309141	0,04333991	0,00759902	0,0270531
819	148	0,000686143	0,006776402	0,000229483	0
820	604	0,001575635	0,04331457	0,000380733	0,0296896
821	850	0,002780686	0,02764048	0,001912794	0,0116883
822	132	0,000440531	0,01173333	7,82E-06	0,0033613
823	132	0,000510706	0,006043818	0,000122565	0
824	1521	0,01884604	0,03617122	0,01389285	0,0124294
825	271	0,000790039	0,02090969	0,000290766	0,0123153
826	363	0,000341534	0,0151373	1,96E-05	0,0035461
827	1312	0,007540057	0,02499619	0,006332951	0,0144522
828	1939	0,01923571	0,05649438	0,01436747	0,0362845
829	951	0,009407442	0,02948106	0,007476455	0,0118798
830	1866	0,009402088	0,03555098	0,007170043	0,0251748
831	355,5	0,001285878	0,02959417	0,000352048	0,0068966

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
780	4	1,033333	0,2352941	4,010333	1,353573	4,520287
781	3	0,642857	0,2307692	4,080921	1,335836	4,536252
782	6	1,483333	0,3157895	4,204619	1,445615	4,780366
783	2	0,311111	0,1333333	4,170375	1,213588	4,560368
784	5	1,7	0,3846154	4,249743	1,505803	4,808146
785	4	0,842857	0,2352941	4,108313	1,353573	4,612553
786	7	1,670635	0,2592593	4,046957	1,435687	4,592581
787	5	1,066667	0,2777778	4,214841	1,302897	4,768535
788	5	1,527778	0,2777778	4,227364	1,10261	4,748373
789	4	0,716667	0,1818182	4,295266	1,250411	4,820456
790	10	3,625	0,4	4,278394	1,364011	5,213392
791	3	0,616667	0,25	4,1562	1,34329	4,633888
792	2	0,252632	0,08695652	4,02283	1,173709	4,379836
793	3	0,295489	0,1071429	4,035312	1,234224	4,484011
794	5	1,228822	0,1851852	4,03531	1,326084	4,562261
795	7	1,591667	0,2916667	3,954362	1,393558	4,526565
796	10	3,101191	0,4	3,95151	1,405607	4,547598
797	1	0,052632	0,05	4,017348	1,078089	4,105511
798	2	0,152632	0,07407407	4,032357	1,172105	4,3853
799	2	0,366667	0,2	4,108249	0,9529393	4,437932
800	3	0,477778	0,1578947	4,110265	1,140325	4,553879
801	9	2,616667	0,375	4,11409	1,171535	4,670255
802	3	0,330409	0,1	4,039191	1,214466	4,480962
803	3	0,444444	0,1875	4,080255	1,203412	4,537591
804	2	0,533333	0,25	4,255369	1,455443	4,613356
805	3	1,166667	0,3333333	4,211833	1,414678	4,672322
806	2	0,5	0,2222222	4,232358	1,274208	4,614853
807	3	0,892857	0,2142857	4,096963	1,099698	5,590294
808	7	2,583333	0,4375	4,056559	1,412704	5,35166
809	6	1,203968	0,2307692	4,077719	1,413138	5,015316
810	4	1,583333	0,3636364	4,073915	1,54578	5,138165
811	3	1,25	0,375	4,144865	1,486006	4,942203
812	2	0,833333	0,4	4,148091	1,530639	4,596608
813	2	0,75	0,3333333	4,078064	1,475435	4,838387
814	2	1,25	0,3333333	4,078064	1,475435	4,838387
815	1	0,5	0,3333333	4,079677	1,361654	4,12191
816	2	0,583333	0,25	4,181931	1,18719	4,89264
817	5	1,086601	0,1612903	4,264936	1,350037	5,149562
818	4	1,033333	0,2222222	4,168796	1,24519	5,065581
819	2	0,22549	0,0952381	4,242953	1,204462	4,922495
820	6	2,283333	0,4615385	4,211994	1,203842	5,076378
821	4	0,769935	0,1290323	4,262821	1,302087	5,114092
822	2	0,45	0,25	4,282443	0,9092166	4,937622
823	2	0,22549	0,0952381	4,242953	1,204462	4,922495
824	3	0,336601	0,1034483	4,214199	1,229393	4,664095
825	2	0,277778	0,1333333	4,132355	1,289231	4,516567
826	2	0,158824	0,08695652	4,249445	1,201144	4,927821
827	6	1,419298	0,1935484	4,052544	1,323817	4,591156
828	6	1,444444	0,25	4,091803	1,348253	4,655252
829	5	0,861111	0,25	4,080179	1,231926	4,610627
830	6	1,252632	0,1818182	4,053328	1,338313	4,59216
831	3	0,583333	0,2307692	4,119399	1,299452	4,619207

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
780	10,43478	0,7872699	1,940698	0,7872699	1,940698	0,3786881
781	7,890411	0,7700503	1,70019	0,7700503	1,70019	0,3777995
782	13,21739	0,7439317	2,100094	0,7439317	2,100094	0,3764213
783	6,339622	0,736694	1,793828	0,736694	1,793828	0,3760327
784	9,221557	0,7037117	1,785223	0,7037117	1,785223	0,3742224
785	10,43478	0,7760003	1,940698	0,7760003	1,940698	0,3781083
786	16,86658	0,8207246	2,407326	0,8207246	2,407326	0,3803717
787	12,48555	0,7680048	2,039897	0,7680048	2,039897	0,3776929
788	13,06931	0,8043945	2,127323	0,8043945	2,127323	0,3795568
789	11,76216	0,7687474	2,160607	0,7687474	2,160607	0,3777316
790	20,07968	0,800346	2,417807	0,800346	2,417807	0,3793527
791	7,619048	0,7323399	1,641355	0,7323399	1,641355	0,3757974
792	6,857143	0,8177701	2,130113	0,8177701	2,130113	0,3802252
793	9,821782	0,8204423	2,306985	0,8204423	2,306985	0,3803577
794	14,23729	0,8194558	2,332936	0,8194558	2,332936	0,3803088
795	16,59259	0,8229901	2,303279	0,8229901	2,303279	0,3804837
796	19,73568	0,8210071	2,422664	0,8210071	2,422664	0,3803857
797	3,6771	0,8173498	2,016136	0,8173498	2,016136	0,3802043
798	6,981818	0,8203012	2,254554	0,8203012	2,254554	0,3803507
799	5,924915	0,8028377	1,702803	0,8028377	1,702803	0,3794784
800	9,350649	0,8268415	2,064782	0,8268415	2,064782	0,3806736
801	19,89474	0,8675933	2,397404	0,8675933	2,397404	0,3826418
802	9,99085	0,8597751	2,367429	0,8597751	2,367429	0,3822699
803	8,816326	0,8154636	1,909035	0,8154636	1,909035	0,3801105
804	4,615385	0,6450056	1,224149	0,6450056	1,224149	0,3708274
805	6,31579	0,6786346	1,41359	0,6786346	1,41359	0,3728007
806	5,37931	0,6994812	1,40625	0,6994812	1,40625	0,3739854
807	8,609865	0,8514881	1,878378	0,8514881	1,878378	0,3818728
808	12,58427	0,8375844	2,018057	0,8375844	2,018057	0,3811997
809	15,22206	0,8378786	2,342857	0,8378786	2,342857	0,3812141
810	6	0,6620584	1,68125	0,6620584	1,68125	0,3718379
811	5,508197	0,6812512	1,307639	0,6812512	1,307639	0,372951
812	3	0,6260038	0,8619656	0,6260038	0,8619656	0,3696761
813	3,870968	0,6097606	1,020788	0,6097606	1,020788	0,3686699
814	3,870968	0,6097606	1,020788	0,6097606	1,020788	0,3686699
815	1,714286	0,5650532	0,4986036	0,5650532	0,4986036	0,3657859
816	5,217391	0,7240589	1,381559	0,7240589	1,381559	0,3753469
817	14,28571	0,7938201	2,457187	0,7938201	2,457187	0,3790221
818	11,06789	0,7916465	2,019692	0,7916465	2,019692	0,3789115
819	6,716418	0,790466	2,044118	0,790466	2,044118	0,3788514
820	10,8	0,7682522	1,888237	0,7682522	1,888237	0,3777058
821	12,23529	0,7956737	2,422664	0,7956737	2,422664	0,3791162
822	5,436893	0,7240589	1,587979	0,7240589	1,587979	0,3753469
823	6,716418	0,790466	2,044118	0,790466	2,044118	0,3788514
824	9,886715	0,831743	2,336308	0,831743	2,336308	0,3809143
825	6,153846	0,7810826	1,748836	0,7810826	1,748836	0,3783706
826	6,797386	0,7941505	2,115079	0,7941505	2,115079	0,3790389
827	16,94118	0,8401659	2,469569	0,8401659	2,469569	0,3813254
828	15,45455	0,8273434	2,272847	0,8273434	2,272847	0,3806983
829	13,33333	0,8348726	2,138524	0,8348726	2,138524	0,3810674
830	17,05466	0,8403139	2,522113	0,8403139	2,522113	0,3813326
831	8	0,7496012	1,716497	0,7496012	1,716497	0,3767237

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
780	0,4499024	0,410366	0,982004	117,895	10,78127	2,444444
781	0,4437556	0,408454	0,968481	47,08244	11	2,464286
782	0,4580135	0,40656	1,121089	380,1761	11,35109	2,351351
783	0,4420124	0,399326	0,824324	53,54358	11,45278	2,542857
784	0,4589799	0,388706	1,290688	193,0345	11,9427	2,26087
785	0,4499024	0,414374	0,982004	165,7341	10,92333	2,444444
786	0,4627949	0,431713	1,109395	188,1391	10,38257	2,34
787	0,4488676	0,420738	0,902006	258,5403	11,02663	2,5
788	0,4445378	0,441984	0,690523	116,1146	10,57304	2,639344
789	0,4495721	0,429181	0,844027	261,264	11,01695	2,528302
790	0,4577031	0,445068	0,978879	648,7106	10,62147	2,433333
791	0,4424467	0,395616	0,980239	122,1326	11,51493	2,461539
792	0,448631	0,427594	0,787425	43,12402	10,41646	2,538461
793	0,4538321	0,430322	0,856697	60,36439	10,38579	2,482759
794	0,455954	0,429805	0,944835	102,671	10,39709	2,446429
795	0,4573683	0,422999	1,020634	90,21172	10,35674	2,411765
796	0,4599037	0,421676	1,040514	156,2276	10,37934	2,392857
797	0,4440663	0,426792	0,695981	31,2737	10,42131	2,6
798	0,4515018	0,429933	0,794876	57,28347	10,38741	2,517241
799	0,4326251	0,428699	0,574566	80,77541	10,59161	2,725
800	0,4445111	0,441734	0,729278	82,3064	10,31316	2,611111
801	0,4507405	0,463939	0,755205	179,4067	9,875707	2,584416
802	0,4538583	0,451388	0,830951	96,0868	9,956416	2,5
803	0,4431835	0,432474	0,796103	84,23766	10,4431	2,571429
804	0,4385315	0,356748	1,273512	66,31	12,93866	2,307692
805	0,4400936	0,371509	1,119954	58,81479	12,34705	2,388889
806	0,4321928	0,384788	0,904277	39,81845	12,00888	2,523809
807	0,4396065	0,45343	0,692961	121,9007	10,04358	2,644444
808	0,4554608	0,441627	1,082071	208,0704	10,1937	2,371428
809	0,4611632	0,444087	1,081934	147,3195	10,19048	2,354167
810	0,4859594	0,350566	1,783592	140,9708	12,63115	2
811	0,4437058	0,367012	1,311182	160,6008	12,30347	2,285714
812	0,4308271	0,337509	1,749302	32,02467	13,30105	2,142857
813	0,4283173	0,323201	1,352482	69,25822	13,62873	2,3
814	0,4283173	0,323201	1,352482	37,48515	13,62873	2,3
815	0,3562072	0,299621	1,361654	18,8031	14,62793	2,4
816	0,428161	0,393564	0,803099	76,23911	11,63519	2,590909
817	0,4619566	0,44005	1,02165	118,7771	10,70057	2,363636
818	0,4465105	0,428953	0,836056	140,7073	10,7272	2,543478
819	0,448416	0,435932	0,826944	154,4175	10,74173	2,511111
820	0,4442208	0,420589	0,816164	154,6868	11,02341	2,538461
821	0,4599037	0,440859	0,963883	156,4377	10,67797	2,392857
822	0,4289064	0,403023	0,54553	43,63018	11,63519	2,742857
823	0,448416	0,435932	0,826944	103,2423	10,74173	2,511111
824	0,4542067	0,455589	0,852193	169,5696	10,25827	2,483333
825	0,4457596	0,419528	0,94334	63,87242	10,85876	2,448276
826	0,4501342	0,438634	0,828959	56,72578	10,69653	2,5
827	0,4572819	0,44255	0,933639	124,6346	10,16546	2,454545
828	0,4548136	0,440017	0,957969	136,1967	10,30751	2,45283
829	0,4480316	0,44276	0,816336	107,9547	10,22357	2,555556
830	0,4594009	0,442714	0,964161	104,5141	10,16384	2,424242
831	0,4422898	0,401356	0,915523	42,97878	11,2728	2,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth [Connectivity Wgt]	Mean Depth R3 [Connectivity Wgt]	Node Count	Node Count R3	RA RA	RA R3 RA R3
780	10,26587	2,438889	1240	37	0,015802	0,08254
781	10,40859	2,413043	1240	29	0,016155	0,108466
782	10,74678	2,282353	1240	38	0,016722	0,075075
783	10,83031	2,401316	1240	36	0,016887	0,090756
784	11,28711	2,247788	1240	24	0,017678	0,114625
785	10,33914	2,362069	1240	37	0,016031	0,08254
786	9,829833	2,240506	1240	51	0,015158	0,054694
787	10,38401	2,418269	1240	45	0,016198	0,069767
788	9,847494	2,537931	1240	62	0,015465	0,054645
789	10,24105	2,391489	1240	54	0,016182	0,058781
790	9,786634	2,340824	1240	61	0,015544	0,048588
791	10,89332	2,401575	1240	27	0,016987	0,116923
792	9,839379	2,475472	1240	53	0,015212	0,060332
793	9,804057	2,375862	1240	59	0,015163	0,052027
794	9,815036	2,33813	1240	57	0,015181	0,052597
795	9,825537	2,27668	1240	52	0,015116	0,056471
796	9,844869	2,254682	1240	57	0,015152	0,050649
797	9,847256	2,53937	1240	51	0,01522	0,065306
798	9,807637	2,427586	1240	59	0,015165	0,053237
799	9,949881	2,633333	1240	41	0,015495	0,088462
800	9,649642	2,527472	1240	55	0,015045	0,060797
801	9,151551	2,445087	1240	78	0,014339	0,041695
802	9,339857	2,452888	1240	65	0,014469	0,047619
803	9,772553	2,471963	1240	43	0,015255	0,076655
804	12,28377	2,322034	1240	14	0,019287	0,217949
805	11,74344	2,380952	1240	19	0,018331	0,163399
806	11,34487	2,495238	1240	22	0,017785	0,152381
807	9,179475	2,591346	1240	46	0,01461	0,074747
808	9,39117	2,339623	1240	36	0,014853	0,080672
809	9,435083	2,269768	1240	49	0,014847	0,057624
810	11,91718	1,902439	1240	15	0,01879	0,153846
811	11,54893	2,212766	1240	15	0,018261	0,197802
812	12,54702	2,043478	1240	8	0,019872	0,380952
813	12,91527	1,961538	1240	11	0,020402	0,288889
814	12,91575	2,038461	1240	11	0,020402	0,288889
815	13,91527	2,3125	1240	6	0,022016	0,7
816	10,84296	2,59434	1240	23	0,017181	0,151515
817	9,865871	2,295082	1240	56	0,015671	0,050505
818	9,922435	2,389744	1240	47	0,015714	0,068599
819	9,906444	2,444976	1240	46	0,015738	0,068687
820	10,22673	2,407186	1240	40	0,016193	0,080972
821	9,84105	2,290323	1240	57	0,015635	0,050649
822	10,80191	2,533333	1240	36	0,017181	0,102521
823	9,906444	2,444976	1240	46	0,015738	0,068687
824	9,463245	2,427586	1240	61	0,014957	0,050282
825	10,13484	2,490683	1240	30	0,015927	0,103448
826	9,861575	2,388128	1240	49	0,015665	0,06383
827	9,576134	2,382716	1240	67	0,014807	0,044755
828	9,628639	2,366412	1240	54	0,015036	0,055878
829	9,526969	2,425197	1240	55	0,014901	0,0587
830	9,57327	2,345679	1240	67	0,014804	0,043823
831	10,58878	2,445161	1240	31	0,016596	0,103448

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
780	0,680347	0,246377	1,270212	0,515279	3,57306	1,987023	4190
781	0,683282	0,226415	1,298616	0,58817	3,615245	1,993729	4190
782	0,681967	0,295775	1,344209	0,476169	3,749608	1,842655	4190
783	0,678842	0,19403	1,357416	0,557467	3,724242	2,174628	4190
784	0,673545	0,325581	1,421036	0,560154	3,820163	1,674417	4190
785	0,685711	0,246377	1,288659	0,515279	3,634252	1,987023	4190
786	0,693377	0,309278	1,218436	0,415399	3,548877	1,851731	4190
787	0,691936	0,223529	1,302075	0,490221	3,736021	2,102507	4190
788	0,705872	0,159664	1,243171	0,470074	3,732746	2,413428	4190
789	0,701163	0,213592	1,300817	0,462833	3,829605	2,169002	4190
790	0,704384	0,264957	1,24946	0,413598	3,787642	2,03533	4190
791	0,676933	0,22449	1,365486	0,609253	3,708549	1,979807	4190
792	0,692269	0,207921	1,222838	0,469459	3,550318	2,231353	4190
793	0,693272	0,238938	1,218855	0,433466	3,560678	2,139585	4190
794	0,692902	0,256881	1,220322	0,428645	3,556632	2,036253	4190
795	0,684158	0,272727	1,215081	0,434164	3,524784	1,959981	4190
796	0,683395	0,284404	1,218016	0,412769	3,53809	1,960335	4190
797	0,692111	0,175258	1,223466	0,495998	3,547976	2,361191	4190
798	0,693219	0,221239	1,219064	0,443547	3,560496	2,220268	4190
799	0,696217	0,103896	1,245582	0,587267	3,617451	2,57379	4190
800	0,705036	0,171429	1,209422	0,484313	3,611314	2,332637	4190
801	0,718891	0,192053	1,152614	0,417118	3,58691	2,335696	4190
802	0,707304	0,232	1,163095	0,422399	3,533146	2,1763	4190
803	0,70092	0,185185	1,226296	0,523825	3,590091	2,2309	4190
804	0,653867	0,26087	1,550374	0,816894	3,885432	1,636055	4190
805	0,661482	0,242424	1,473547	0,707419	3,816361	1,820954	4190
806	0,671571	0,179487	1,429631	0,711111	3,804088	2,058885	4190
807	0,684331	0,149425	1,174415	0,532374	3,530228	2,391174	4190
808	0,689661	0,283582	1,19391	0,495526	3,525994	1,910814	4190
809	0,699655	0,301075	1,19349	0,426829	3,558419	1,876446	4190
810	0,631621	0,44	1,510441	0,594795	3,751523	1,303241	4190
811	0,652705	0,28	1,467887	0,764737	3,752365	1,633551	4190
812	0,633021	0,272727	1,597434	1,160139	3,835844	1,294239	4190
813	0,611987	0,235294	1,639988	0,979635	3,840374	1,568706	4190
814	0,611987	0,235294	1,639988	0,979635	3,840374	1,568706	4190
815	0,593436	0	1,769745	2,005601	3,927358	1,509344	4190
816	0,673238	0,146342	1,381103	0,72382	3,724464	2,201376	4190
817	0,701954	0,299065	1,259731	0,406969	3,777664	1,937442	4190
818	0,691922	0,202247	1,26319	0,495125	3,650967	2,183241	4190
819	0,700689	0,218391	1,265077	0,489209	3,755407	2,172113	4190
820	0,692035	0,2	1,301656	0,529595	3,717746	2,245746	4190
821	0,702648	0,284404	1,256796	0,412769	3,77406	2,002279	4190
822	0,682719	0,089552	1,381103	0,629731	3,839367	2,620817	4190
823	0,700689	0,218391	1,265077	0,489209	3,755407	2,172113	4190
824	0,715543	0,239316	1,202294	0,428026	3,703794	2,145814	4190
825	0,697094	0,236364	1,280274	0,571809	3,664291	2,009156	4190
826	0,702078	0,225806	1,259207	0,472796	3,760861	2,169337	4190
827	0,700472	0,255814	1,190241	0,404929	3,55288	2,055459	4190
828	0,705215	0,252427	1,208688	0,439977	3,602823	2,03002	4190
829	0,707873	0,2	1,197788	0,467612	3,570336	2,220076	4190
830	0,700525	0,271318	1,190032	0,396493	3,554707	2,0144	4190
831	0,684372	0,210526	1,334043	0,582582	3,692121	2,063279	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
780	180	13358	88
781	138	13629	69
782	170	14064	87
783	152	14190	89
784	113	14797	52
785	174	13534	88
786	237	12864	117
787	208	13662	110
788	290	13100	161
789	235	13650	134
790	267	13160	146
791	127	14267	64
792	265	12906	132
793	290	12868	144
794	278	12882	137
795	253	12832	123
796	267	12860	134
797	254	12912	130
798	290	12870	146
799	210	13123	109
800	273	12778	141
801	346	12236	199
802	329	12336	160
803	214	12939	108
804	59	16031	30
805	84	15298	43
806	105	14879	53
807	208	12444	119
808	159	12630	83
809	215	12626	113
810	41	15650	28
811	47	15244	32
812	23	16480	15
813	26	16886	23
814	26	16886	23
815	16	18124	12
816	106	14416	57
817	244	13258	130
818	195	13291	117
819	209	13309	113
820	167	13658	99
821	248	13230	134
822	150	14416	96
823	209	13309	113
824	290	12710	149
825	161	13454	71
826	219	13253	120
827	324	12595	162
828	262	12771	130
829	254	12667	138
830	324	12593	160
831	155	13967	75

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
832	2926,7252	2641,2904	3001,2370	2614,4789	5399	33	62692
833	2981,9290	2508,7431	3106,2085	2515,6200	10285	34	154292
834	2976,6072	2556,8812	3003,2161	2529,6863	174	7	9872
835	2990,6943	2567,1965	3000,0633	2476,3246	3872	47	51013
836	2980,6768	2550,3169	2981,6159	2565,0084	240	5	11032
837	2978,7985	2562,1952	2996,0161	2560,3196	95	12	8806
838	2991,6334	2554,3805	3006,9727	2591,8907	2389	34	27453
839	2963,7723	2592,8285	2983,8072	2560,3196	439	10	11448
840	3277,2171	2657,9694	3385,6492	2594,8729	12384	67	115783
841	3238,3312	2619,1408	3273,4781	2620,6342	0	0	1930
842	3264,8783	2642,6619	3270,4869	2573,2185	3164	10	20052,5
843	3249,5483	2632,2081	3290,6777	2655,3559	4259	14	31578,5
844	3338,2199	2617,0288	3369,6278	2702,8998	2894	13	34382
845	3321,0204	2671,9116	3335,2287	2693,1926	8	1	5279,5
846	3328,8723	2689,0858	3389,4447	2705,1399	267	2	6677
847	3318,7769	2678,2586	3357,6629	2650,2572	455	4	10567,5
848	3435,1750	2570,3449	3469,0918	2660,4161	13	3	3106,5
849	3347,8573	2651,0487	3384,6606	2630,1521	991	4	11527
850	3406,3096	2622,2259	3406,3096	2651,0487	259	3	4556
851	3383,2173	2651,7692	3409,9178	2645,2841	177	5	3639
852	3424,4023	2661,7674	3446,3140	2768,7331	1726	33	24936,5
853	3417,0984	2669,8708	3451,9948	2653,6639	201	6	5576
854	3446,3140	2652,0432	3462,5449	2661,7674	219	7	3538
855	3775,9866	2519,2805	3941,0958	2530,7828	13284	61	182205
856	3845,1021	2578,3254	4035,8611	2465,0825	140	1	6734
857	4119,9118	2408,4320	4119,9118	2451,7941	0	0	927
858	4123,5080	2482,0019	4124,5498	2577,7084	0	0	1215
859	4206,8540	2489,2839	4211,0212	2586,0307	678	2	6972
860	4147,4699	2513,2105	4213,1049	2517,3717	0	1	3893
861	4144,3445	2577,7084	4152,6790	2505,9285	437	4	5660
862	4321,3744	1922,1097	4408,3024	1777,2297	9936	3	68277
863	4387,8006	1803,3486	4495,4090	1702,6238	8845	4	61725
864	4481,9767	1721,6835	4546,3100	1579,0884	7744	5	52116
865	4542,7752	1593,2067	4544,8961	1524,0269	5531	3	38574
866	4540,0682	1539,1391	4633,3868	1358,4245	4426	3	30832
867	4581,0718	1454,4291	4667,3208	1417,7214	3325	4	23116
868	4638,3355	1480,5480	4670,1487	1402,1913	2225	4	13512
869	4664,4930	1406,4268	4736,6029	1400,7794	0	0	1930
870	4639,7495	1472,0770	4639,7495	1529,9621	0	0	1946
871	4508,8416	1647,7517	4590,4306	1783,5329	0	0	1936,5
872	4370,7678	1990,3381	4411,5623	1961,0929	4465	4	30033
873	4406,3322	1969,4487	4411,5623	1943,3369	3359	3	23456
874	4407,3783	1948,5593	4446,0807	1914,0918	2236	3	15646
875	4436,6666	1926,6254	4465,5823	1847,7751	1117	2	7795
876	4458,6329	1859,7793	4498,3814	1809,6447	0	0	1941,5
877	3485,9494	1975,5871	3504,0612	1917,9244	7701	14	60422
878	3490,1492	1950,1631	3562,8590	1948,5905	5550	12	45422,5
879	3477,5497	1922,3802	3523,2230	1928,6706	0	0	1913,5
880	3556,8217	1950,6873	3580,1834	1936,0095	4463	4	35889
881	3577,5585	1941,2516	3580,7083	1911,3718	3417	3	28487
882	3577,5585	1914,2550	3604,3325	1912,1581	2439	3	21406
883	3596,7203	1910,3234	3612,7322	1936,0095	1517	3	14597

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
832	808	0,007141905	0,0384533	0,007039655	0,0383275
833	1612	0,01757702	0,06783941	0,01341042	0,0359408
834	468	0,001124623	0,02271348	0,000226875	0,0085366
835	1756	0,005811427	0,05664425	0,005048628	0,0341074
836	348	0,001256771	0,02408304	0,000312932	0,0084034
837	416	0,001003184	0,04703488	0,000123869	0,0369231
838	715	0,00312746	0,06708576	0,003114972	0,0968661
839	409,5	0,001304162	0,0283391	0,000572404	0,0168067
840	1817	0,01319006	0,05861196	0,01614727	0,0435065
841	12	0,000219867	0,06648199	0	0
842	112,5	0,002284391	0,09371095	0,004125481	0,1818182
843	336	0,003597439	0,03240741	0,00555323	0,0282258
844	439	0,003916815	0,04677926	0,003773432	0,0343915
845	34,5	0,000601443	0,07180021	1,04E-05	0,0277778
846	63	0,000760647	0,0504	0,000348136	0,0444445
847	108	0,001203855	0,07988165	0,000593266	0,0727273
848	165	0,000353894	0,006818182	1,70E-05	0,0033223
849	187	0,001313162	0,01460938	0,001292146	0,0063492
850	134	0,000519022	0,007269965	0,000337705	0,0053476
851	155	0,000414557	0,01396334	0,000230787	0,0100806
852	1062	0,002840779	0,0202332	0,002250499	0,0149254
853	257	0,000635221	0,02346603	0,00026208	0,02
854	147	0,000403051	0,01120256	0,00028555	0,019943
855	2813	0,02075689	0,03916709	0,01732076	0,0193038
856	300	0,000767141	0,007335322	0,000182543	0,0007541
857	21	0,000105604	0,002205419	0	0
858	53	0,000138413	0,005903319	0	0
859	138	0,000794254	0,01537091	0,000884032	0,005291
860	44	0,000443493	0,03383314	0	0,0222222
861	156	0,00064479	0,01737581	0,000569796	0,010582
862	31	0,007778151	0,1405896	0,01295536	0,0833333
863	31	0,007031744	0,1717452	0,01153283	0,1428571
864	29,5	0,005937082	0,2041523	0,01009726	0,2380952
865	25	0,00439437	0,1730104	0,007211767	0,1428571
866	26	0,003512397	0,1799308	0,005770979	0,1071429
867	23	0,002633387	0,2346939	0,004335405	0,2666667
868	14	0,001539294	0,231405	0,002901136	0,4
869	2	0,000219867	0,04938272	0	0
870	2	0,000221689	0,04938272	0	0
871	2	0,000220607	0,02777778	0	0
872	28	0,003421375	0,1551246	0,00582183	0,1428571
873	24	0,00267212	0,1875	0,004379737	0,1428571
874	16	0,0017824	0,2222222	0,002915479	0,3
875	8	0,00088801	0,1975309	0,001456435	0,3333333
876	2	0,000221177	0,08163265	0	0
877	154	0,006883305	0,1096476	0,01004119	0,1029412
878	119	0,005174555	0,1648199	0,007236541	0,1538462
879	11,5	0,000217987	0,02112029	0	0
880	49	0,004088494	0,1019771	0,005819222	0,0727273
881	28	0,003245254	0,14	0,004455362	0,1428571
882	21	0,002438583	0,1866667	0,003180166	0,2
883	20	0,001662898	0,2040816	0,001977988	0,2

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
832	4	0,727778	0,2105263	4,117941	1,315373	4,960799
833	6	1,2	0,2727273	4,070246	1,410811	5,026128
834	4	0,916667	0,2857143	4,084323	1,18928	4,608389
835	6	1,5	0,3	4,095297	1,267033	4,681781
836	4	1	0,3076923	4,074957	1,247374	4,594848
837	4	1	0,3076923	4,117962	1,419411	4,686407
838	4	1	0,2857143	4,107079	1,427367	4,662379
839	3	0,666667	0,2307692	4,073922	1,211701	4,552126
840	5	1,027778	0,1785714	3,987609	1,334092	6,736771
841	1	0,333333	0,25	4,015356	1,44132	5,089409
842	3	1,833333	0,4285714	4,013134	1,526264	6,17905
843	3	0,783333	0,2727273	4,00575	1,178992	6,52363
844	4	1,533333	0,3636364	4,001661	1,291553	6,605641
845	3	1,166667	0,5	4,026368	1,514247	5,80286
846	2	0,583333	0,2857143	4,006104	1,508574	5,994756
847	3	0,916667	0,375	4,011704	1,556642	6,218203
848	3	0,299242	0,1666667	4,028263	1,238324	7,250797
849	2	0,361111	0,1538462	3,971996	1,142755	5,932062
850	2	0,590909	0,1538462	4,011039	1,173396	6,867042
851	2	0,611111	0,1818182	3,968271	1,1307	5,900409
852	5	1,136447	0,2173913	4,042295	1,171031	7,573411
853	2	0,7	0,25	4,053844	1,109335	6,868901
854	2	0,625	0,1818182	3,982651	1,225418	6,790112
855	5	0,8171	0,1612903	3,988975	1,201101	7,397447
856	3	0,509524	0,2142857	4,027061	1,014094	7,21282
857	1	0,125	0,1111111	3,96347	1,051303	9,998683
858	1	0,111111	0,1	4,194998	1,079753	6,539961
859	2	0,611111	0,1818182	4,197943	1,205683	7,365638
860	2	1	0,5	4,20145	1,176621	6,054419
861	2	0,611111	0,1818182	4,197943	1,205683	7,365638
862	2	0,833333	0,3333333	4,301052	1,514247	7,234569
863	2	0,833333	0,3333333	4,303669	1,538847	6,106173
864	3	2	0,5	4,306499	1,530639	5,513019
865	2	0,833333	0,3333333	4,309725	1,530639	5,102859
866	2	1	0,4	4,310943	1,484378	4,335523
867	2	0,833333	0,3333333	4,31356	1,44132	3,976937
868	3	2,5	0,6	4,315173	1,361654	3,556476
869	1	0,333333	0,25	4,317394	1,457542	3,313782
870	1	0,333333	0,25	4,317394	1,457542	3,313782
871	1	0,333333	0,25	4,308721	1,487469	4,839045
872	2	0,833333	0,3333333	4,300838	1,538847	7,61726
873	2	1	0,4	4,303669	1,530639	6,655344
874	2	1	0,4	4,305891	1,487469	5,649626
875	2	1,5	0,5	4,307504	1,457542	4,741003
876	1	0,5	0,3333333	4,309116	1,5	4,112642
877	4	2	0,3636364	4,048485	1,540415	4,99869
878	3	1,083333	0,3	4,059332	1,516497	4,881787
879	1	0,25	0,2	4,051102	1,302696	4,408811
880	2	0,833333	0,3333333	4,070137	1,430827	4,682825
881	2	1	0,4	4,08436	1,530639	4,511282
882	2	1	0,4	4,096019	1,549161	4,642801
883	2	1	0,4	4,105063	1,549161	4,95097

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
832	11,01639	0,8050733	2,032198	0,8050733	2,032198	0,3795909
833	14,45026	0,7828771	2,207101	0,7828771	2,207101	0,3784629
834	10,08	0,7641909	1,872734	0,7641909	1,872734	0,3774936
835	14,65193	0,7638239	2,160607	0,7638239	2,160607	0,3774743
836	9,558441	0,7593254	1,793828	0,7593254	1,793828	0,3772381
837	8,96	0,7037117	1,732542	0,7037117	1,732542	0,3742224
838	9,247706	0,7311613	1,784162	0,7311613	1,784162	0,3757335
839	8,19802	0,759265	1,761213	0,759265	1,761213	0,3772349
840	14,28891	0,828349	2,362098	0,828349	2,362098	0,3807478
841	2,181818	0,6274859	0,6368422	0,6274859	0,6368422	0,369767
842	4,615385	0,6831048	1,205285	0,6831048	1,205285	0,3730571
843	7,66805	0,7491891	1,665933	0,7491891	1,665933	0,3767018
844	8,470589	0,7484838	1,659709	0,7484838	1,659709	0,3766642
845	3,692308	0,6284779	1,1	0,6284779	1,1	0,3698276
846	4	0,6823719	1,105854	0,6823719	1,105854	0,3730152
847	4,8	0,6829581	1,305726	0,6829581	1,305726	0,3730488
848	9,024794	0,793754	1,974218	0,793754	1,974218	0,3790188
849	6,233766	0,7821071	1,739936	0,7821071	1,739936	0,3784233
850	6,197183	0,7916465	1,719577	0,7916465	1,719577	0,3789115
851	5,966102	0,7816585	1,633896	0,7816585	1,633896	0,3784002
852	14,23256	0,8550747	2,261811	0,8550747	2,261811	0,3820451
853	5,294117	0,7701747	1,433712	0,7701747	1,433712	0,377806
854	5,849463	0,7805075	1,571762	0,7805075	1,571762	0,378341
855	15,38461	0,8839099	2,46397	0,8839099	2,46397	0,3834095
856	8,715084	0,8295013	1,936466	0,8295013	1,936466	0,3808044
857	3,345912	0,7863615	1,466977	0,7863615	1,466977	0,3786416
858	3,396648	0,6698205	1,515387	0,6698205	1,515387	0,3722911
859	5,877551	0,6699146	1,584268	0,6699146	1,584268	0,3722966
860	2,434783	0,6164184	0,8846833	0,6164184	0,8846833	0,3690849
861	5,877551	0,6699146	1,584268	0,6699146	1,584268	0,3722966
862	3,692308	0,3561508	1	0,3561508	1	0,3492266
863	3,428571	0,3406135	0,9855802	0,3406135	0,9855802	0,3477054
864	3	0,3263528	1,149287	0,3263528	1,149287	0,3462593
865	3	0,3131971	0,9851035	0,3131971	0,9851035	0,3448793
866	3,2	0,301042	0,8870222	0,301042	0,8870222	0,3435621
867	2,181818	0,2897775	1,018947	0,2897775	1,018947	0,3423025
868	1,714286	0,2793092	1,163408	0,2793092	1,163408	0,341096
869	1,6	0,2695405	0,5279905	0,2695405	0,5279905	0,3399366
870	1,6	0,2695405	0,5279905	0,2695405	0,5279905	0,3399366
871	2	0,3130943	0,5817041	0,3130943	0,5817041	0,3448683
872	3,428571	0,3560179	0,9855802	0,3560179	0,9855802	0,3492138
873	3	0,3403704	0,8619656	0,3403704	0,8619656	0,3476812
874	2	0,3260182	0,8725563	0,3260182	0,8725563	0,3462247
875	1,6	0,3128069	0,7039874	0,3128069	0,7039874	0,3448376
876	1,333333	0,3006057	0,3333333	0,3006057	0,3333333	0,343514
877	7,148936	0,6224913	1,613269	0,6224913	1,613269	0,3694603
878	5,333333	0,5766999	1,486466	0,5766999	1,486466	0,3665542
879	2,666667	0,5759689	0,8846833	0,5759689	0,8846833	0,3665063
880	4	0,5373654	1,044581	0,5373654	1,044581	0,3639077
881	3	0,5039043	0,8619656	0,5039043	0,8619656	0,3615321
882	2,666667	0,4759515	0,8491229	0,4759515	0,8491229	0,3594492
883	2,666667	0,4521979	0,8491229	0,4521979	0,8491229	0,357601

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
832	0,4498972	0,430907	0,92723	79,18877	10,56497	2,476191
833	0,4574697	0,414172	1,058108	124,4696	10,83616	2,386364
834	0,4418468	0,405684	0,780465	38,04732	11,07667	2,585366
835	0,4495721	0,406579	0,855248	91,35363	11,08152	2,528302
836	0,4420124	0,402177	0,847273	14,72148	11,14124	2,542857
837	0,4491222	0,376652	1,094975	17,31941	11,9427	2,384615
838	0,4511452	0,390311	1,110175	40,5254	11,53188	2,37037
839	0,4399884	0,402042	0,807801	38,18671	11,14205	2,571429
840	0,4572466	0,429334	0,962573	125,4539	10,29621	2,428571
841	0,386988	0,327482	1,44132	35,17865	13,27199	2,333333
842	0,4488558	0,356314	1,526264	69,66959	12,2728	2,181818
843	0,4366912	0,390068	0,778135	47,19584	11,27845	2,59375
844	0,4408946	0,389303	0,913538	91,43457	11,28814	2,5
845	0,451545	0,3289	1,682496	25,58828	13,25262	2,111111
846	0,4421141	0,355309	1,508574	62,66376	12,28491	2,2
847	0,4633142	0,356111	1,698155	47,91864	12,27522	2,090909
848	0,4460594	0,415596	0,83825	96,24534	10,70137	2,534884
849	0,437803	0,403777	0,741788	42,32195	10,84584	2,611111
850	0,4382704	0,41272	0,774884	28,82277	10,7272	2,588235
851	0,4345451	0,403167	0,73163	27,47671	10,85149	2,625
852	0,4482996	0,449265	0,751228	109,187	10,00565	2,597015
853	0,4278972	0,40581	0,721068	38,47625	10,99839	2,64
854	0,435846	0,404032	0,836871	18,92092	10,86602	2,555556
855	0,4524818	0,458291	0,78459	165,5093	9,711864	2,5625
856	0,4390808	0,434185	0,617782	221,84	10,28329	2,692308
857	0,4279466	0,405102	0,669011	43,36213	10,79257	2,666667
858	0,4304186	0,365218	0,695841	95,71218	12,49637	2,642857
859	0,4354746	0,365526	0,813135	96,83649	12,49475	2,571429
860	0,4056839	0,336616	0,924488	65,76672	13,49233	2,5
861	0,4354746	0,365526	0,813135	72,26213	12,49475	2,571429
862	0,4335972	0,199093	1,514247	168,9577	22,62147	2,222222
863	0,4428109	0,190523	1,731203	147,3942	23,60775	2,125
864	0,5	0,182666	2,449023	156,4357	24,59564	1,857143
865	0,4603911	0,175434	2,040852	69,2123	25,58676	2
866	0,422549	0,168673	1,484378	203,3866	26,5795	2,25
867	0,5	0,162459	2,52231	93,7355	27,57385	1,833333
868	0,6309298	0,156649	4,084962	84,56863	28,56981	1,6
869	0,3962406	0,151248	2,429237	72,33063	29,56901	2
870	0,3962406	0,151248	2,429237	57,88515	29,56901	2
871	0,3868528	0,175335	1,784963	158,4087	25,59484	2,2
872	0,4428109	0,199009	1,731203	50,19437	22,62954	2,125
873	0,4308271	0,190387	1,749302	26,6304	23,62389	2,142857
874	0,5	0,182453	2,974937	51,8256	24,61985	1,8
875	0,5	0,175125	3,643856	83,98506	25,61743	1,75
876	0,3154649	0,168357	3	63,97985	26,61663	2
877	0,4627564	0,327556	1,45934	60,44025	13,37046	2,176471
878	0,4707944	0,304272	1,63315	72,72681	14,3527	2,076923
879	0,4056839	0,30327	1,023547	46,10446	14,36965	2,5
880	0,4251371	0,284272	1,226423	27,58991	15,3301	2,363636
881	0,4308271	0,267502	1,749302	30,04533	16,28168	2,142857
882	0,4491222	0,253383	2,168826	26,856	17,17918	2
883	0,4491222	0,241268	2,168826	30,2681	18,02906	2

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
832	9,825298	2,434146	1240	43	0,015452	0,072009
833	10,15656	2,325688	1240	45	0,01589	0,064482
834	10,4821	2,487685	1240	42	0,016279	0,079268
835	10,49165	2,413655	1240	54	0,016287	0,058781
836	10,55203	2,423529	1240	36	0,016383	0,090756
837	11,34272	2,383459	1240	27	0,017678	0,110769
838	10,88258	2,472603	1240	28	0,017014	0,105413
839	10,55322	2,452941	1240	36	0,016385	0,092437
840	9,830549	2,293173	1240	57	0,015018	0,051948
841	12,8136	2,263158	1240	7	0,019826	0,533333
842	11,81408	2,367347	1240	12	0,018211	0,236364
843	10,81742	2,541667	1240	33	0,016605	0,102823
844	10,82315	2,489051	1240	29	0,016621	0,111111
845	12,79356	1,935484	1240	10	0,019794	0,277778
846	11,82005	2,34	1240	11	0,018231	0,266667
847	11,81193	2,192308	1240	12	0,018215	0,218182
848	10,18926	2,345454	1240	44	0,015673	0,07309
849	10,40453	2,48125	1240	37	0,015906	0,092063
850	10,21766	2,515625	1240	35	0,015714	0,096257
851	10,41002	2,503356	1240	33	0,015915	0,104839
852	9,382578	2,45679	1240	68	0,014549	0,048394
853	10,37399	2,608108	1240	26	0,016152	0,136667
854	10,35489	2,537037	1240	28	0,015939	0,119658
855	9,184726	2,361478	1240	81	0,014074	0,039557
856	9,698807	2,573426	1240	53	0,014997	0,066365
857	10,31527	2,652174	1240	28	0,01582	0,128205
858	11,81838	2,552239	1240	29	0,018572	0,121693
859	11,81695	2,507463	1240	29	0,01857	0,116402
860	12,81504	2,54902	1240	11	0,020181	0,333333
861	11,81695	2,507463	1240	29	0,01857	0,116402
862	22,48544	1,904762	1240	10	0,03493	0,305556
863	23,47733	1,842105	1240	9	0,036523	0,321429
864	24,47017	1,647059	1240	8	0,038119	0,285714
865	25,46492	1,764706	1240	8	0,03972	0,333333
866	26,46062	1,823529	1240	9	0,041324	0,357143
867	27,45728	1,571429	1240	7	0,04293	0,333333
868	28,45489	1,272727	1240	6	0,044539	0,3
869	29,45441	1,666667	1240	5	0,046153	0,666667
870	29,45441	1,666667	1240	5	0,046153	0,666667
871	25,46969	1,916667	1240	6	0,039733	0,6
872	22,49022	1,842105	1240	9	0,034943	0,321429
873	23,48687	1,8125	1240	8	0,036549	0,380952
874	24,48449	1,583333	1240	6	0,038158	0,4
875	25,48306	1,444444	1240	5	0,03977	0,5
876	26,48258	1,714286	1240	4	0,041384	1
877	13,18449	2	1240	18	0,019985	0,147059
878	14,17279	1,894737	1240	14	0,021571	0,179487
879	14,18401	2,333333	1240	11	0,021599	0,333333
880	15,1568	2,193548	1240	12	0,02315	0,272727
881	16,12029	2,05	1240	8	0,024688	0,380952
882	17,04606	1,8	1240	7	0,026138	0,4
883	17,93771	1,714286	1240	7	0,027511	0,4

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
832	0,69706	0,234568	1,242123	0,492078	3,617614	2,056157	4190
833	0,678554	0,282353	1,27734	0,453083	3,613821	1,909044	4190
834	0,680854	0,177215	1,308573	0,533979	3,649411	2,268593	4190
835	0,6807	0,213592	1,309202	0,462833	3,673254	2,174044	4190
836	0,678809	0,19403	1,316958	0,557467	3,641904	2,17334	4190
837	0,66379	0,265306	1,421036	0,577187	3,750149	1,858416	4190
838	0,676412	0,27451	1,367687	0,560487	3,719743	1,838804	4190
839	0,678783	0,179105	1,317063	0,56779	3,641046	2,214836	4190
840	0,60871	0,266055	1,207221	0,423353	3,497396	2,012606	4190
841	0,540287	0,111111	1,593661	1,570248	3,784435	1,440605	4190
842	0,561655	0,31579	1,463904	0,829679	3,692809	1,466868	4190
843	0,584503	0,163934	1,334776	0,600264	3,595974	2,259973	4190
844	0,584111	0,207547	1,336034	0,602515	3,591931	2,087654	4190
845	0,541013	0,333333	1,591146	0,909091	3,794204	1,382856	4190
846	0,561184	0,294118	1,465477	0,904278	3,687843	1,439526	4190
847	0,561561	0,368421	1,464219	0,765858	3,692195	1,339381	4190
848	0,591656	0,204819	1,259836	0,50653	3,566543	2,168405	4190
849	0,60199	0,15942	1,278597	0,574734	3,52817	2,298919	4190
850	0,590569	0,169231	1,26319	0,581538	3,554337	2,247748	4190
851	0,601762	0,147541	1,279331	0,612034	3,524111	2,313392	4190
852	0,62094	0,183206	1,169488	0,442124	3,523507	2,314687	4190
853	0,595824	0,12766	1,298407	0,69749	3,606745	2,326248	4190
854	0,584726	0,176471	1,281218	0,636229	3,552162	2,154495	4190
855	0,617519	0,203822	1,131337	0,405849	3,481011	2,259475	4190
856	0,609254	0,128713	1,205544	0,516405	3,547142	2,5152	4190
857	0,550713	0,117647	1,27168	0,681674	3,553359	2,388399	4190
858	0,569342	0,132076	1,492937	0,659898	3,846123	2,347046	4190
859	0,569403	0,169811	1,492728	0,631207	3,846783	2,189154	4190
860	0,548562	0,117647	1,622275	1,130348	3,913796	2,035487	4190
861	0,569403	0,169811	1,492728	0,631207	3,846783	2,189154	4190
862	0,354964	0,266667	2,807799	1	4,768175	1,437925	4190
863	0,344542	0,307692	2,935879	1,014631	4,838688	1,293768	4190
864	0,334631	0,454546	3,064169	0,870104	4,907075	1,040167	4190
865	0,325144	0,363636	3,192877	1,015122	4,966276	1,140318	4190
866	0,316092	0,230769	3,321796	1,127367	5,024335	1,47219	4190
867	0,30744	0,444444	3,450924	0,981405	5,077279	0,9990029	4190
868	0,299159	0,571429	3,580261	0,859543	5,127038	0,820397	4190
869	0,291181	0,2	3,710018	1,893973	5,164649	0,9677621	4190
870	0,291181	0,2	3,710018	1,893973	5,164649	0,9677621	4190
871	0,324923	0,142857	3,193926	1,719087	4,946388	1,214956	4190
872	0,354723	0,307692	2,808847	1,014631	4,755082	1,293768	4190
873	0,344074	0,272727	2,937975	1,160139	4,810749	1,294239	4190
874	0,333948	0,428571	3,067313	1,146058	4,863494	0,8754029	4190
875	0,324302	0,4	3,19686	1,42048	4,912551	0,7948101	4190
876	0,315099	0	3,326617	3	4,956514	0,8102832	4190
877	0,582427	0,354839	1,606448	0,619859	3,830029	1,517065	4190
878	0,563633	0,391304	1,734004	0,672737	3,930402	1,378528	4190
879	0,563079	0,117647	1,736205	1,130348	3,913147	1,856234	4190
880	0,54614	0,210526	1,860931	0,957322	4,021146	1,686233	4190
881	0,530477	0,272727	1,984504	1,160139	4,110191	1,294239	4190
882	0,502901	0,333333	2,101054	1,177686	4,190108	1,091162	4190
883	0,46066	0,333333	2,211421	1,177686	4,27278	1,091162	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
832	205	13090	104
833	218	13426	105
834	203	13724	106
835	249	13730	134
836	170	13804	89
837	133	14797	62
838	146	14288	64
839	170	13805	90
840	249	12757	136
841	19	16444	14
842	49	15206	24
843	144	13974	83
844	137	13986	70
845	31	16420	19
846	50	15221	22
847	52	15209	23
848	220	13259	109
849	160	13438	94
850	192	13291	88
851	149	13445	84
852	324	12397	174
853	148	13627	66
854	162	13463	69
855	379	12033	205
856	286	12741	140
857	138	13372	72
858	134	15483	74
859	134	15481	72
860	51	16717	25
861	134	15481	72
862	21	28028	20
863	19	29250	17
864	17	30474	13
865	17	31702	14
866	17	32932	18
867	14	34164	11
868	11	35398	8
869	9	36636	8
870	9	36636	8
871	12	31712	11
872	19	28038	17
873	16	29270	15
874	12	30504	9
875	9	31740	7
876	7	32978	6
877	53	16566	37
878	38	17783	27
879	33	17804	25
880	31	18994	26
881	20	20173	15
882	15	21285	12
883	14	22338	12

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
884	3609,3198	1953,8325	3611,1572	1927,0980	626	3	7969
885	3605,1200	1949,1147	3633,2064	1956,7157	374	3	5736
886	3630,5815	1933,6506	3632,4189	1974,8008	1094	3	10568
887	3627,6941	1971,9176	3657,0930	1971,3934	2181	6	18202
888	3652,3682	1970,0829	3666,0177	1982,1397	3274	11	26165
889	3303,5282	3144,1064	3329,8469	3054,5765	672	16	11735
890	3265,1653	3155,6873	3307,5429	3137,8704	3211	26	61467,5
891	3299,5134	3136,5342	3328,0626	3162,8141	2384	15	50362
892	2903,8459	2738,0882	3010,6817	2928,7238	2103	56	42711,5
893	2995,1019	2951,4936	3117,2562	3104,4962	2271	31	36713
894	3100,1117	3076,6775	3176,1903	3226,4703	4026	90	51473,5
895	2997,4842	2966,7784	3014,0515	2902,7401	81	6	7540,5
896	2944,0398	3016,7823	3005,4798	2955,8531	928	10	16937
897	2994,5249	3119,8522	3095,7642	3073,0387	174	5	6055
898	3133,5832	3158,0519	3242,0271	3093,8837	3763	9	45749
899	3222,8290	2907,4410	3287,0921	2909,8473	385	5	5920
900	3177,0416	2781,5109	3226,0422	2910,6494	231	10	4531
901	3998,5075	3482,0517	4014,7734	3632,2898	199	14	11962
902	3933,4437	3539,9137	4134,7347	3531,7927	355	15	13840
903	4080,8538	3568,3371	4098,1363	3437,3864	1500	23	20058,5
904	3975,1251	3603,8664	4108,3025	3553,1103	120	6	7922,5
905	3914,1279	3553,1103	4017,8233	3632,2898	1226	25	22291,5
906	3958,8592	3457,6888	3959,8758	3546,0044	2103	30	30277
907	3953,7761	3495,2483	4114,4023	3499,3088	428	10	13105,5
908	4373,1591	3966,3518	4373,9375	3830,1960	733	13	7254
909	4368,0042	3945,3949	4442,4996	3946,7114	0	0	4003
910	4144,5179	3960,5353	4259,8869	3943,4200	0	0	676
911	4145,1772	3946,0531	4158,3622	4038,8705	8197	32	69221
912	4015,9639	4034,2626	4070,6817	4015,1724	4810	21	59642
913	4054,8597	4017,8056	4162,3177	4034,9208	2256	10	31645
914	4053,1775	3998,8684	4128,6959	3993,4492	858	5	14922,5
915	4120,1256	4004,6400	4123,4219	3962,5101	13	2	6042
916	4116,1701	3998,0572	4158,3622	4009,9062	151	4	5420
917	4149,7919	4019,7804	4233,5169	4012,5393	463	2	7170
918	4149,1327	4002,6651	4296,1458	3990,8161	1306	8	14812,5
919	4039,6969	3867,7179	4133,9699	3858,5020	302	0	7243
920	4037,0599	3887,4663	4138,5847	3875,6173	834	7	11663,5
921	4063,9498	3814,2426	4065,2684	3849,1314	1817	13	22369
922	4032,3058	3810,2929	4032,3058	3832,0161	643	3	6894
923	3951,8771	3837,9406	4067,9054	3826,0916	441	4	8942
924	3955,8326	3833,3327	3957,8104	3860,3221	3	0	3144
925	3936,0551	3895,2109	3964,4029	3884,0202	2578	12	22339
926	3960,4474	3887,9699	3965,7214	3855,7142	1543	11	16712
927	3959,7881	3868,8798	4001,3210	3881,3871	409	2	6725
928	3993,4099	3880,7288	4047,4686	3862,9553	13	4	3149
929	3956,4919	3928,7832	3992,7507	3905,0851	2476	14	31479
930	3981,5434	3909,0348	4118,0085	3891,9195	1772	37	28199
931	4070,5609	3941,4482	4075,1756	4000,6933	552	5	5963
932	4120,6640	3973,0456	4152,9673	3976,9953	137	1	5422
933	4144,3971	3983,5781	4189,2262	3978,3118	466	1	7225
934	4183,2929	3976,9953	4198,4557	4000,6933	1	1	3893
935	4212,9592	3992,1357	4212,9592	4016,4920	2	1	3917

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
884	20	0,000907833	0,2040816	0,00081623	0,2
885	21	0,000653448	0,1866667	0,000487652	0,2
886	35	0,001203912	0,175	0,001426446	0,1428571
887	69	0,002073581	0,1640904	0,002843765	0,1666667
888	111	0,00298073	0,1049149	0,004268907	0,1208791
889	499	0,001336857	0,02915997	0,000876208	0,0195122
890	1107,5	0,00700241	0,03061041	0,004186763	0,0162907
891	534,5	0,005737265	0,02312601	0,003108453	0,0158562
892	1695	0,004865716	0,08824448	0,002742062	0,0565657
893	1392,5	0,004182364	0,06437223	0,002961114	0,0274823
894	1946,5	0,005863888	0,0554361	0,005249426	0,065312
895	493,5	0,000859018	0,03115137	0,000105614	0,0080972
896	375	0,001929472	0,01324059	0,001210002	0,0075415
897	394	0,000689789	0,01556543	0,000226875	0,0046253
898	370	0,00521175	0,0151512	0,004906505	0,0090909
899	178	0,000674409	0,04116083	0,000501994	0,0238095
900	211	0,000516174	0,04305683	0,000301197	0,0333333
901	449,5	0,001362717	0,08154195	0,000259472	0,055336
902	600	0,00157666	0,06683003	0,000462878	0,0396825
903	487,5	0,002285075	0,06444576	0,001955822	0,0909091
904	242,5	0,000902535	0,05730151	0,000156466	0,0350877
905	546,5	0,002539459	0,06568115	0,001598558	0,0615764
906	856	0,003449172	0,06523396	0,002742062	0,0476191
907	391,5	0,001492985	0,05719921	0,000558061	0,0362319
908	209	0,00082638	0,05924036	0,000955745	0,0684211
909	36	0,000456024	0,03555556	0	0
910	54	7,70E-05	0,01567717	0	0
911	435	0,007885692	0,1204152	0,01068791	0,152381
912	717	0,006794448	0,02312866	0,006271669	0,0122735
913	338	0,003605015	0,0344898	0,002941556	0,015873
914	180	0,001699979	0,06574142	0,00111873	0,0367647
915	75	0,000688308	0,06	1,70E-05	0,021978
916	74	0,000617449	0,04892562	0,000196886	0,0294118
917	39	0,00081681	0,02884615	0,000603697	0,0166667
918	81	0,001687448	0,05991124	0,001702869	0,0666667
919	47	0,000825126	0,0106383	0,000393772	0
920	204,5	0,001328712	0,04628791	0,001087437	0,030303
921	479	0,002548288	0,03164222	0,002369152	0,0158537
922	130	0,000785368	0,010415	0,000838396	0,0047619
923	111,5	0,001018677	0,03964445	0,000575012	0,0380952
924	28	0,000358166	0,02071006	3,91E-06	0
925	242	0,00254487	0,00922942	0,003361406	0,0090498
926	219,5	0,00190384	0,0315283	0,002011889	0,0270936
927	58	0,000766116	0,03978052	0,000533287	0,030303
928	46	0,000358736	0,04347826	1,70E-05	0,0439561
929	510	0,003586104	0,0184699	0,00322841	0,0097834
930	833	0,003212445	0,07306697	0,002310478	0,0526316
931	112	0,000679308	0,0377804	0,000719742	0,0367647
932	37	0,000617677	0,02446281	0,000178632	0,0073529
933	17	0,000823076	0,01257396	0,000607609	0,0083333
934	29	0,000443493	0,05017301	1,30E-06	0,0222222
935	27	0,000446227	0,0467128	2,61E-06	0,0222222

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
884	2	1	0,4	4,117152	1,549161	5,361383
885	2	1	0,4	4,152177	1,549161	7,701954
886	2	1	0,4	4,144204	1,530639	8,460834
887	2	0,833333	0,3333333	4,134404	1,514247	9,411179
888	3	1,083333	0,375	4,126791	1,486006	10,81175
889	4	1,142857	0,3076923	4,190202	1,147704	7,163719
890	3	0,65	0,1428571	4,219654	1,153679	6,258308
891	3	0,75	0,25	4,199558	1,031592	7,033089
892	9	3,366667	0,45	4,211504	1,404353	5,376232
893	7	2,866667	0,4666667	4,154511	1,167946	5,483983
894	5	1,547619	0,1785714	4,200874	1,353342	5,925641
895	3	0,587302	0,1666667	4,189089	1,284746	5,210112
896	3	0,535014	0,1304348	4,200723	1,229804	5,027801
897	2	0,201681	0,09090909	4,1938	1,1994	4,904451
898	2	0,45	0,2	4,166358	0,8867718	5,950048
899	2	0,75	0,2857143	4,118837	1,138396	7,00747
900	2	0,611111	0,1666667	4,054658	1,295335	7,063259
901	5	1,283333	0,3571429	4,529721	1,526051	6,436078
902	4	0,8	0,25	4,473095	1,443586	6,33553
903	5	1,616667	0,3846154	4,417201	1,505803	6,365848
904	3	0,6	0,2727273	4,458847	1,459047	6,291538
905	5	1,233333	0,3333333	4,47889	1,451917	6,378775
906	5	1,05119	0,2777778	4,424611	1,410825	6,300635
907	3	0,6	0,25	4,45238	1,383678	6,197716
908	3	0,958333	0,25	4,495727	1,45534	6,040656
909	2	0,666667	0,4	4,510049	1,261944	5,604707
910	2	0,325	0,1666667	4,41347	1,370843	5,372018
911	8	3,283333	0,4705882	4,417703	1,547201	5,591066
912	3	0,508824	0,12	4,430674	1,199801	5,948575
913	4	1,158333	0,25	4,46088	1,331025	6,099891
914	3	1,033333	0,3	4,435938	1,479115	5,73409
915	3	1,333333	0,4285714	4,449367	1,412446	5,626266
916	2	0,458333	0,1818182	4,422508	1,402069	5,288385
917	2	0,625	0,2	4,423104	1,417437	5,312148
918	3	1,125	0,2727273	4,424222	1,499015	5,420396
919	2	0,45	0,25	4,434416	1,18719	5,735403
920	3	0,95	0,3333333	4,436469	1,297864	5,887259
921	3	0,633333	0,1875	4,414953	1,216646	5,910158
922	2	0,433333	0,1538462	4,405508	1,142755	5,73119
923	3	1,333333	0,5	4,421244	1,251614	5,591214
924	2	0,533333	0,25	4,448661	1,429023	5,730408
925	2	0,392157	0,0952381	4,42064	1,147042	5,776279
926	3	1,2	0,3	4,443429	1,186553	5,937879
927	2	0,833333	0,3333333	4,4541	1,384531	5,654681
928	2	0,7	0,25	4,496634	1,429023	5,806647
929	2	0,308824	0,09090909	4,422246	1,145778	5,779033
930	4	1,4	0,2857143	4,459559	1,236399	6,084609
931	2	0,533333	0,25	4,408978	1,336656	5,316575
932	2	0,458333	0,1818182	4,422508	1,402069	5,288385
933	2	0,625	0,2	4,423104	1,417437	5,312148
934	2	0,833333	0,4	4,428172	1,371322	5,064255
935	2	0,833333	0,4	4,428172	1,371322	5,064255

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
884	2,666667	0,4313842	0,8491229	0,4313842	0,8491229	0,3559166
885	2,666667	0,4129555	0,8491229	0,4129555	0,8491229	0,3543701
886	3	0,4356984	0,8619656	0,4356984	0,8619656	0,356271
887	3,692308	0,4612707	1	0,4612707	1	0,3583159
888	5,508197	0,4901831	1,307639	0,4901831	1,307639	0,3605215
889	9,768421	0,8099944	1,844359	0,8099944	1,844359	0,3798377
890	9,542352	0,8223516	2,128262	0,8223516	2,128262	0,3804522
891	8,186047	0,8135861	1,819367	0,8135861	1,819367	0,380017
892	16,0274	0,7696155	2,241935	0,7696155	2,241935	0,3777769
893	12,69333	0,7899424	2,030476	0,7899424	2,030476	0,3788247
894	14,08867	0,8065706	2,364989	0,8065706	2,364989	0,3796661
895	8,884615	0,7615072	1,953348	0,7615072	1,953348	0,3773528
896	9,539749	0,8123392	2,157077	0,8123392	2,157077	0,3799548
897	6,767123	0,8117172	2,082069	0,8117172	2,082069	0,3799238
898	5,964497	0,8084844	1,759494	0,8084844	1,759494	0,3797621
899	4,897959	0,7487188	1,323529	0,7487188	1,323529	0,3766767
900	5,860465	0,7510764	1,588708	0,7510764	1,588708	0,3768021
901	9,411765	0,5810905	1,84898	0,5810905	1,84898	0,3668406
902	9,573222	0,6197417	1,883994	0,6197417	1,883994	0,3692907
903	9,221557	0,6346231	1,785223	0,6346231	1,785223	0,3702018
904	6,810811	0,5915385	1,539575	0,5915385	1,539575	0,3675154
905	10,58823	0,6204672	1,883362	0,6204672	1,883362	0,3693355
906	11,906	0,6647338	2,018325	0,6647338	2,018325	0,3719946
907	7,473054	0,6161795	1,624945	0,6161795	1,624945	0,36907
908	7,02439	0,5972409	1,604253	0,5972409	1,604253	0,3678796
909	3,555556	0,5557064	1,010281	0,5557064	1,010281	0,3651602
910	5,538462	0,6308049	1,544837	0,6308049	1,544837	0,3699696
911	8,888889	0,6313058	2,5	0,6313058	2,5	0,3700001
912	9,767442	0,6884777	2,232462	0,6884777	2,232462	0,3733636
913	10,29526	0,6334434	1,904081	0,6334434	1,904081	0,3701302
914	6,4	0,6060423	1,466608	0,6060423	1,466608	0,3684365
915	5,052631	0,5624218	1,238816	0,5624218	1,238816	0,3656106
916	5,209302	0,5836498	1,466608	0,5836498	1,466608	0,3670068
917	5,090909	0,5835784	1,393829	0,5835784	1,393829	0,3670022
918	6,222222	0,5836498	1,540548	0,5836498	1,540548	0,3670068
919	5,217391	0,6353415	1,381559	0,6353415	1,381559	0,3702453
920	6,614173	0,6354262	1,46529	0,6354262	1,46529	0,3702504
921	8,788733	0,6909207	1,901995	0,6909207	1,901995	0,3735023
922	6,233766	0,6903707	1,739936	0,6903707	1,739936	0,3734711
923	4,285714	0,6342434	1,198155	0,6342434	1,198155	0,3701787
924	4,745763	0,5874953	1,238816	0,5874953	1,238816	0,3672554
925	6,816568	0,687436	2,078159	0,687436	2,078159	0,3733043
926	7,272727	0,6320586	1,596764	0,6320586	1,596764	0,370046
927	4,097561	0,584508	1,06971	0,584508	1,06971	0,3670624
928	4,745763	0,5485497	1,238816	0,5485497	1,238816	0,3646754
929	6,861833	0,6876342	2,113365	0,6876342	2,113365	0,3733156
930	9,9723	0,6334854	1,849678	0,6334854	1,849678	0,3701327
931	5	0,6305131	1,290615	0,6305131	1,290615	0,3699518
932	5,209302	0,5836498	1,466608	0,5836498	1,466608	0,3670068
933	5,090909	0,5835784	1,393829	0,5835784	1,393829	0,3670022
934	3,428571	0,5426221	0,947875	0,5426221	0,947875	0,3642701
935	3,428571	0,5426221	0,947875	0,5426221	0,947875	0,3642701

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
884	0,4491222	0,230841	2,168826	26,79758	18,85069	2
885	0,4491222	0,222859	2,168826	29,0968	19,6473	2
886	0,4308271	0,234681	1,749302	41,1912	18,67393	2,142857
887	0,4335972	0,247868	1,514247	29,40358	17,69411	2,222222
888	0,4437058	0,26292	1,311182	18,21191	16,70944	2,285714
889	0,4402367	0,441149	0,741593	93,3181	10,50686	2,609756
890	0,4461845	0,451028	0,743482	45,97067	10,364	2,596491
891	0,4369358	0,444094	0,635913	38,80318	10,46489	2,681818
892	0,4584524	0,421286	1,059021	218,5311	11,00565	2,377778
893	0,4458782	0,426562	0,77337	195,7842	10,74818	2,5625
894	0,459013	0,440403	1,001102	168,0054	10,54722	2,396226
895	0,4479297	0,414629	0,901576	66,14664	11,11219	2,48718
896	0,4499225	0,443537	0,835636	86,52876	10,47942	2,519231
897	0,4490885	0,442467	0,822446	111,5388	10,48668	2,510638
898	0,4330284	0,437821	0,522968	126,0065	10,52462	2,755556
899	0,4247626	0,400829	0,75893	64,30806	11,28491	2,619048
900	0,4400618	0,395826	0,935519	138,1225	11,25262	2,48
901	0,4638134	0,342116	1,35649	151,116	14,25182	2,217391
902	0,4563711	0,360312	1,162889	201,4548	13,42534	2,321429
903	0,4589799	0,364354	1,290688	132,0863	13,13398	2,26087
904	0,4489722	0,342818	1,215872	142,5216	14,01776	2,315789
905	0,4547766	0,361201	1,14625	130,4689	13,41082	2,344828
906	0,454413	0,382282	1,065316	88,32146	12,58434	2,388889
907	0,4445794	0,356582	1,048241	160,6775	13,49718	2,416667
908	0,4518649	0,348986	1,222485	136,158	13,89346	2,3
909	0,4148074	0,325749	0,965016	74,50704	14,85714	2,5
910	0,4466906	0,361856	1,107219	116,6316	13,20743	2,35
911	0,5182261	0,36249	2,00226	93,74918	13,19774	1,857143
912	0,4500742	0,396481	0,799868	57,95236	12,18483	2,542373
913	0,4477439	0,367273	0,947075	108,8125	13,15658	2,472222
914	0,4484876	0,34942	1,267812	75,71262	13,70621	2,294118
915	0,4355583	0,32525	1,177039	42,25862	14,69169	2,357143
916	0,4484876	0,335489	1,201773	43,82435	14,1937	2,294118
917	0,4447414	0,335494	1,204822	84,03748	14,19532	2,3125
918	0,4598584	0,33562	1,415737	147,4899	14,1937	2,1875
919	0,428161	0,366188	0,803099	94,72237	13,12026	2,590909
920	0,4353662	0,366406	0,93284	102,2138	13,11864	2,5
921	0,443494	0,396476	0,811098	34,91371	12,14528	2,560976
922	0,437803	0,395313	0,741788	21,72321	12,15416	2,611111
923	0,4268879	0,364469	0,953611	116,6317	13,14124	2,466667
924	0,4355583	0,339697	1,190852	27,06181	14,10734	2,357143
925	0,4461171	0,394984	0,750534	30,47674	12,20178	2,576923
926	0,435168	0,365036	0,791036	32,684	13,18321	2,586207
927	0,4231759	0,338383	1,124932	43,37521	14,17433	2,416667
928	0,4355583	0,320597	1,190852	56,90549	15,03793	2,357143
929	0,4468381	0,395242	0,750212	43,31628	12,19855	2,574074
930	0,4427817	0,367188	0,831372	137,5342	13,15577	2,552632
931	0,4306765	0,36132	1,002492	59,42458	13,21307	2,470588
932	0,4484876	0,335489	1,201773	32,54389	14,1937	2,294118
933	0,4447414	0,335494	1,204822	45,13736	14,19532	2,3125
934	0,4162897	0,312304	1,160349	28,13374	15,19128	2,4
935	0,4162897	0,312304	1,160349	24,35632	15,19128	2,4

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
884	18,80334	1,714286	1240	7	0,028838	0,4
885	19,6463	1,8	1240	7	0,030125	0,4
886	18,66539	2,05	1240	8	0,028552	0,380952
887	17,679	2,137931	1240	10	0,026969	0,305556
888	16,68902	2,130435	1240	15	0,025379	0,197802
889	9,568497	2,502703	1240	42	0,015358	0,080488
890	9,403103	2,498141	1240	58	0,015128	0,057018
891	9,51265	2,609302	1240	45	0,015291	0,078224
892	10,1611	2,255102	1240	46	0,016164	0,062626
893	9,889022	2,475961	1240	49	0,015748	0,066489
894	9,630072	2,392453	1240	54	0,015424	0,053701
895	10,26706	2,432584	1240	40	0,016336	0,078273
896	9,641767	2,428571	1240	53	0,015314	0,059578
897	9,649165	2,457778	1240	48	0,015326	0,06568
898	9,604774	2,660634	1240	46	0,015387	0,079798
899	10,48091	2,55914	1240	22	0,016615	0,161905
900	10,55943	2,393939	1240	26	0,016563	0,123333
901	13,16014	2,142857	1240	24	0,021408	0,110672
902	12,3494	2,216418	1240	29	0,020073	0,097884
903	12,07351	2,284553	1240	24	0,019603	0,114625
904	12,94201	2,271739	1240	20	0,02103	0,146199
905	12,33532	2,217054	1240	30	0,02005	0,096059
906	11,53031	2,228395	1240	37	0,018715	0,079365
907	12,43246	2,324786	1240	25	0,020189	0,123188
908	12,86014	2,273809	1240	21	0,02083	0,136842
909	13,82005	2,377778	1240	13	0,022386	0,272727
910	12,258	2,313253	1240	21	0,019721	0,142105
911	12,24964	1,941176	1240	22	0,019706	0,085714
912	11,18377	2,425703	1240	60	0,018069	0,053185
913	12,15823	2,342857	1240	37	0,019639	0,084127
914	12,73604	2,337838	1240	18	0,020527	0,161765
915	13,72315	2,24	1240	15	0,022119	0,208791
916	13,24582	2,072727	1240	18	0,021315	0,161765
917	13,24773	2,115385	1240	17	0,021317	0,175
918	13,2463	2	1240	17	0,021315	0,158333
919	12,11909	2,489362	1240	23	0,01958	0,151515
920	12,11766	2,425532	1240	23	0,019578	0,142857
921	11,14248	2,431035	1240	42	0,018005	0,078049
922	11,15203	2,5	1240	37	0,01802	0,092063
923	12,13914	2,493333	1240	16	0,019614	0,209524
924	13,10764	2,25	1240	15	0,021175	0,208791
925	11,20024	2,502183	1240	53	0,018097	0,06184
926	12,18258	2,491525	1240	30	0,019682	0,113301
927	13,17422	2,481482	1240	13	0,021283	0,257576
928	14,02936	2,195652	1240	15	0,022678	0,208791
929	11,19642	2,485106	1240	55	0,018091	0,059399
930	12,1568	2,443709	1240	39	0,019638	0,083926
931	12,26277	2,441558	1240	18	0,01973	0,183824
932	13,24582	2,072727	1240	18	0,021315	0,161765
933	13,24773	2,115385	1240	17	0,021317	0,175
934	14,24439	2,235294	1240	11	0,022926	0,311111
935	14,24439	2,235294	1240	11	0,022926	0,311111

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
884	0,416638	0,333333	2,318119	1,177686	4,374858	1,091162	4190
885	0,370549	0,333333	2,421568	1,177686	4,483448	1,091162	4190
886	0,383085	0,272727	2,295166	1,160139	4,394036	1,294239	4190
887	0,396722	0,266667	2,167924	1	4,31243	1,437925	4190
888	0,411519	0,28	2,040054	0,764737	4,233008	1,633551	4190
889	0,656449	0,164557	1,234576	0,542194	3,674165	2,328341	4190
890	0,673146	0,18018	1,216025	0,469867	3,681536	2,310031	4190
891	0,657965	0,129412	1,229126	0,549642	3,684191	2,4845	4190
892	0,683103	0,287356	1,29935	0,446043	3,708495	1,945676	4190
893	0,681429	0,193548	1,265915	0,492495	3,643155	2,312132	4190
894	0,677728	0,281553	1,239817	0,422835	3,668406	1,963968	4190
895	0,679729	0,226667	1,313185	0,511942	3,696462	2,079478	4190
896	0,69977	0,217822	1,231013	0,46359	3,673852	2,170879	4190
897	0,69954	0,21978	1,231956	0,480292	3,671275	2,178833	4190
898	0,66754	0,091954	1,236882	0,568345	3,639577	2,666005	4190
899	0,614724	0,128205	1,335615	0,755556	3,63273	2,265933	4190
900	0,601324	0,212766	1,331422	0,629442	3,5942	2,01828	4190
901	0,615795	0,348837	1,720903	0,540839	4,224859	1,609737	4190
902	0,629313	0,301887	1,613575	0,530787	4,135384	1,777938	4190
903	0,627188	0,325581	1,575738	0,560154	4,042803	1,674417	4190
904	0,61164	0,285714	1,690507	0,64953	4,130097	1,713735	4190
905	0,629746	0,290909	1,611689	0,530965	4,13929	1,812347	4190
906	0,644076	0,275362	1,504362	0,49546	4,025352	1,896448	4190
907	0,62717	0,244444	1,622904	0,615406	4,102117	1,89625	4190
908	0,626185	0,297297	1,674366	0,623343	4,183759	1,705906	4190
909	0,609245	0,142857	1,799511	0,989823	4,238575	1,981582	4190
910	0,646075	0,27027	1,585276	0,647318	4,058867	1,809609	4190
911	0,646356	0,538462	1,584018	0,4	4,076761	1,230726	4190
912	0,656351	0,208696	1,45248	0,447936	4,081054	2,223131	4190
913	0,637331	0,231884	1,578673	0,525188	4,124703	2,033198	4190
914	0,631613	0,290323	1,65005	0,681845	4,103421	1,664782	4190
915	0,613911	0,24	1,778025	0,807222	4,156089	1,773213	4190
916	0,627953	0,290323	1,713356	0,681845	4,118181	1,70933	4190
917	0,627908	0,275862	1,713566	0,717448	4,114468	1,704676	4190
918	0,627953	0,344828	1,713356	0,64912	4,117273	1,533204	4190
919	0,638415	0,146342	1,573957	0,72382	4,103714	2,201376	4190
920	0,638463	0,195122	1,573747	0,682459	4,10539	2,046227	4190
921	0,657566	0,189873	1,447344	0,525764	4,061172	2,208678	4190
922	0,657293	0,15942	1,448497	0,574734	4,05616	2,298919	4190
923	0,637789	0,185185	1,576682	0,834617	4,092547	2,034196	4190
924	0,619984	0,24	1,702141	0,807222	4,148963	1,717639	4190
925	0,65583	0,188119	1,454681	0,481195	4,066474	2,28799	4190
926	0,636537	0,163636	1,582132	0,626267	4,103916	2,241541	4190
927	0,618041	0,190476	1,710841	0,934833	4,142242	1,791744	4190
928	0,604147	0,24	1,822989	0,807222	4,225242	1,717639	4190
929	0,655929	0,190476	1,454262	0,473179	4,069751	2,288655	4190
930	0,637355	0,191781	1,578568	0,540635	4,126392	2,194328	4190
931	0,645911	0,193548	1,58601	0,774824	4,052908	1,931203	4190
932	0,627953	0,290323	1,713356	0,681845	4,118181	1,70933	4190
933	0,627908	0,275862	1,713566	0,717448	4,114468	1,704676	4190
934	0,610479	0,176471	1,842903	1,054991	4,163133	1,760676	4190
935	0,610479	0,176471	1,842903	1,054991	4,163133	1,760676	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
884	14	23356	12
885	15	24343	12
886	20	23137	15
887	29	21923	20
888	46	20703	32
889	185	13018	107
890	269	12841	148
891	215	12966	118
892	196	13636	107
893	208	13317	123
894	265	13068	127
895	178	13768	97
896	238	12984	131
897	225	12993	118
898	221	13040	124
899	93	13982	55
900	99	13942	62
901	105	17658	51
902	134	16634	65
903	123	16273	52
904	92	17368	44
905	129	16616	68
906	162	15592	86
907	117	16723	58
908	84	17214	46
909	45	18408	30
910	83	16364	47
911	85	16352	39
912	249	15097	150
913	140	16301	89
914	74	16982	39
915	50	18203	33
916	55	17586	39
917	52	17588	37
918	52	17586	35
919	94	16256	57
920	94	16254	55
921	174	15048	105
922	158	15059	94
923	75	16282	37
924	52	17479	33
925	229	15118	134
926	118	16334	75
927	54	17562	29
928	46	18632	33
929	235	15114	139
930	151	16300	97
931	77	16371	42
932	55	17586	39
933	52	17588	37
934	34	18822	24
935	34	18822	24

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
936	4180,8831	4382,5727	4478,4608	4287,1412	843	28	24410
937	4143,9597	4259,5286	4418,3684	4176,3876	779	12	17099
938	4185,9537	4186,5091	4230,8437	4368,6964	47	5	6556
939	4233,7399	4178,5565	4261,2532	4337,6089	285	16	14719
940	4132,1669	4076,4043	4136,9686	4024,8632	11	2	3967
941	4040,9364	4077,6030	4264,2111	4048,8358	1112	15	8338
942	4072,1469	4126,7468	4160,7466	4091,2777	0	0	288,5
943	4361,5149	3984,8196	4381,9217	4138,2443	1587	7	14843
944	4235,4132	3841,6246	4237,8140	3710,9739	6930	13	74490
945	4124,9763	3704,9807	4130,9783	3821,2479	3369	6	56215
946	4109,3066	3875,1614	4109,3066	3896,7368	12	5	3981
947	4049,9985	3897,2906	4058,4758	4023,2047	1921	48	28171
948	4360,3331	4001,3454	4377,3547	3940,2841	613	9	9953,5
949	4168,2217	2815,7734	4178,4462	2713,6795	394	2	5112
950	4162,2575	2806,4148	4228,7165	2829,3859	31	5	4275
951	4126,4718	2889,7914	4166,5176	2812,3702	679	5	10467
952	4137,5483	2846,4015	4263,6501	2854,0586	82	2	7017
953	4221,9002	2654,1248	4223,6042	2906,8070	1845	55	26435
954	4182,7352	2991,5304	4194,7566	2845,7115	1084	10	14232
955	4137,5772	3029,8156	4141,8374	2880,9287	9677	39	114342
956	4112,0160	3067,2500	4143,5414	3017,9046	7392	17	87562
957	4097,5313	2929,4233	4195,5158	2952,3944	595	18	15394
958	4091,5671	2980,4702	4190,4036	2979,6194	544	8	13866
959	4133,3170	3023,0093	4163,1383	3025,5617	659	4	13915,5
960	4155,4700	3032,3679	4162,2863	2912,4077	214	8	9617
961	4156,3220	2918,3631	4192,9597	2921,7663	12	1	4138
962	4298,6125	2903,8998	4439,1989	2844,3451	6872	4	61918,5
963	4342,0665	2926,0202	4379,5562	2865,6146	3915	3	35180,5
964	4341,2144	2909,0045	4380,4082	2948,1405	2297	4	18007
965	4374,4440	2988,1273	4377,0001	2936,2296	1148	2	7996
966	4371,8878	2977,0671	4385,5205	2995,7843	0	0	1997
967	4305,4288	2894,5412	4330,9900	2935,3788	670	0	10801
968	4319,9135	2930,2741	4359,9593	2914,9600	5	3	6019,5
969	4256,0105	2909,0045	4307,1329	2900,4967	8018	11	70069
970	4298,9171	2737,4269	4309,9936	2677,0214	2279	19	20947
971	4156,6266	2646,3932	4225,6418	2662,5581	1056	16	15434
972	4288,6926	2671,0659	4295,5089	2573,2260	1182	8	13873
973	4285,2845	2661,7073	4321,0701	2688,9323	380	7	9074
974	4303,1773	2682,1261	4402,8658	2708,5003	1148	5	9969,5
975	4390,0852	2702,5448	4457,3963	2753,1664	0	0	1991,5
976	4212,8612	2664,2596	4217,9734	2574,9275	320	11	7557,5
977	4141,2899	2620,0190	4220,5295	2630,2284	51	3	2931
978	4013,4450	3071,1307	4032,3149	3179,9964	47	6	4145
979	3931,1509	3096,2536	3997,7200	3091,5430	3	1	1532
980	3986,1883	3087,8793	4037,0324	3067,9904	358	1	5139
981	3782,8121	3078,9816	3816,3587	3143,3589	4344	77	48113,5
982	3730,8166	3101,0413	3753,8799	3148,1466	82	8	4998,5
983	3721,9058	3154,4273	3747,5900	3128,2577	471	14	10037
984	3698,8425	3113,0793	3700,4150	3157,5677	921	4	15640
985	3725,0508	3154,9507	3725,5750	3102,6115	1763	14	35580
986	3761,7424	3158,0911	3800,0065	3101,0413	297	3	6016
987	3797,3857	3112,5559	3816,7798	3101,0413	11	2	3872

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
936	841	0,0027808	0,04163263	0,001099172	0,0358974
937	553	0,001947927	0,01700884	0,001015723	0,0083857
938	443	0,000746863	0,02403429	6,13E-05	0,0071124
939	790	0,001676796	0,04986744	0,000371606	0,0268908
940	137	0,000451923	0,01781998	1,43E-05	0,0045977
941	193	0,000949869	0,007903196	0,001449916	0,0132979
942	2,5	3,29E-05	0,000110207	0	0
943	170	0,001690922	0,02284332	0,00206926	0,0215385
944	467,5	0,008485939	0,01664619	0,009035897	0,0078645
945	313	0,006404042	0,01771163	0,004392776	0,0063425
946	130	0,000453518	0,04501385	1,56E-05	0,0476191
947	822	0,003209255	0,06842872	0,002504756	0,0647773
948	141	0,001133908	0,06473829	0,000799279	0,0989011
949	116	0,000582362	0,01372781	0,000513729	0,005698
950	140	0,00048701	0,02975874	4,04E-05	0,0292398
951	243	0,001192406	0,015	0,000885335	0,0075075
952	203,5	0,00079938	0,02408284	0,000106918	0,005698
953	1246	0,003011489	0,07523246	0,002405661	0,0705128
954	366,5	0,001621317	0,04143818	0,001413407	0,0246305
955	1178	0,0130259	0,06195924	0,01261766	0,047561
956	511	0,009975108	0,03992188	0,00963829	0,032197
957	752	0,001753692	0,04300952	0,000775809	0,0302521
958	495	0,001579622	0,02831079	0,000709311	0,0134454
959	185	0,001585261	0,03420858	0,000859258	0,017316
960	232	0,001095574	0,05728395	0,000279031	0,0522876
961	64	0,000471403	0,02688511	1,56E-05	0,010989
962	132	0,007053787	0,09763314	0,008960272	0,0606061
963	46,5	0,004007781	0,1488	0,005104695	0,1071429
964	31	0,002051367	0,1717452	0,002995015	0,1904762
965	14	0,000910908	0,09688582	0,001496856	0,1333333
966	3	0,000227499	0,04166667	0	0
967	20	0,001230455	0,06944445	0,0008736	0
968	20,5	0,000685745	0,1135734	6,52E-06	0,1428571
969	212	0,007982297	0,03380102	0,01045452	0,0338462
970	420	0,002386293	0,04748714	0,002971545	0,046798
971	452	0,001758249	0,03361095	0,001376899	0,024024
972	242	0,001580419	0,02400317	0,001541188	0,0172043
973	173,5	0,001033715	0,05160619	0,000495475	0,0457516
974	107	0,001135731	0,04494854	0,001496856	0,0641026
975	10	0,000226873	0,03472222	0	0
976	300,5	0,000860954	0,02635849	0,000417242	0,0221774
977	82	0,000333901	0,008737813	6,65E-05	0,0079365
978	133,5	0,000472201	0,05947873	6,13E-05	0,0571429
979	75	0,000174526	0,0102452	3,91E-06	0,004329
980	62	0,000585438	0,01345486	0,00046679	0,0065359
981	1796,5	0,005481115	0,08304826	0,00566406	0,0712303
982	332	0,000569432	0,03158145	0,000106918	0,0151515
983	511	0,00114342	0,05445149	0,000614128	0,037037
984	146	0,001781717	0,01468739	0,001200875	0,0086022
985	489	0,004053292	0,0491927	0,002298743	0,0301075
986	159	0,000685346	0,02323033	0,000387253	0,0108696
987	142	0,0004411	0,01939758	1,43E-05	0,005698

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
936	6	1,030556	0,2608696	4,47184	1,456918	6,205893
937	4	0,669935	0,1481481	4,428358	1,299636	6,029107
938	4	0,892857	0,3076923	4,416929	1,19574	5,804149
939	4	0,837302	0,2222222	4,417579	1,382861	5,83517
940	2	0,75	0,2857143	4,443677	0,9221545	5,714551
941	2	0,558824	0,1	4,420195	1,166077	5,773448
942	1	0,058824	0,05555556	4,413146	1,068469	5,330637
943	2	0,666667	0,2857143	4,443996	1,006982	5,711044
944	3	0,391667	0,1363636	4,437618	1,16322	5,945358
945	2	0,266667	0,1333333	4,418744	1,098117	5,752855
946	2	0,583333	0,2857143	4,478429	1,341917	5,771422
947	5	1,366667	0,3125	4,425861	1,317179	5,878656
948	3	1,333333	0,5	4,477879	1,29415	5,696622
949	2	0,642857	0,2222222	4,178222	1,127792	7,256899
950	2	0,666667	0,25	4,223115	1,274372	7,315303
951	3	0,625	0,2307692	4,231337	1,178755	7,770091
952	3	0,7	0,2307692	4,265563	1,353965	7,867018
953	6	1,72619	0,3	4,217481	1,425559	8,143212
954	5	1,5	0,3846154	4,289189	1,385061	8,127353
955	6	1,375	0,3157895	4,257361	1,393185	8,193487
956	4	1	0,2857143	4,333705	1,321129	8,145742
957	4	0,727778	0,2222222	4,319565	1,382861	8,186435
958	4	0,727778	0,2222222	4,319565	1,382861	8,186435
959	3	0,666667	0,2727273	4,293437	1,395324	7,813372
960	4	1,333333	0,4444444	4,339429	1,433864	7,882566
961	2	0,45	0,25	4,304284	1,429023	7,393325
962	3	1,333333	0,4285714	4,275777	1,49121	7,384645
963	3	1	0,4285714	4,281662	1,538847	6,757613
964	3	1,166667	0,4285714	4,283274	1,436278	5,292363
965	2	1,333333	0,4	4,286105	1,549161	4,809914
966	1	0,5	0,3333333	4,287718	1,457542	4,084618
967	2	0,666667	0,3333333	4,280738	1,530639	6,572552
968	3	1,166667	0,5	4,283883	1,530639	5,591262
969	2	0,5	0,2	4,264086	1,203286	7,498704
970	4	1,059524	0,3076923	4,184765	1,360432	7,803506
971	3	0,7	0,2	4,142257	1,245336	7,575252
972	2	0,444444	0,1538462	4,200786	1,22094	7,409277
973	3	1,083333	0,375	4,220137	1,350214	7,508826
974	3	1,583333	0,4285714	4,195401	1,452454	7,231008
975	1	0,333333	0,25	4,197622	1,44132	5,832038
976	3	0,944444	0,2142857	4,206315	1,295025	7,743698
977	2	0,476191	0,2	4,198662	1,160737	7,337056
978	3	1	0,3333333	4,391791	1,498999	7,778861
979	2	0,366667	0,2222222	4,305328	1,24807	7,457944
980	2	0,5	0,2222222	4,358076	1,354402	7,543401
981	7	2,261111	0,3043478	4,33703	1,419625	8,402306
982	3	0,561111	0,1875	4,402796	1,325094	8,167388
983	4	1,066667	0,3333333	4,405582	1,340866	8,250337
984	2	0,311111	0,1428571	4,403681	1,246488	7,839231
985	3	0,561111	0,2142857	4,405358	1,311474	8,153994
986	2	0,642857	0,2	4,33369	1,247908	7,593508
987	2	0,309524	0,1666667	4,348876	1,259616	7,669796

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
936	14,04878	0,6418813	2,259488	0,6418813	2,259488	0,37064
937	12,07843	0,6879317	2,303026	0,6879317	2,303026	0,3733326
938	9,674418	0,6593134	1,81885	0,6593134	1,81885	0,3716767
939	10,4581	0,6570432	1,976872	0,6570432	1,976872	0,3715429
940	5,052631	0,6325195	1,48543	0,6325195	1,48543	0,370074
941	6,74188	0,687436	2,030476	0,687436	2,030476	0,3733043
942	3,65019	0,6868916	1,945091	0,6868916	1,945091	0,3732733
943	5	0,634792	1,417534	0,634792	1,417534	0,370212
944	9,617329	0,7025717	2,156529	0,7025717	2,156529	0,3741587
945	6,486486	0,7003541	1,869905	0,7003541	1,869905	0,3740344
946	4,645161	0,5898197	1,198155	0,5898197	1,198155	0,367405
947	11,70732	0,6574054	1,953348	0,6574054	1,953348	0,3715643
948	4,235294	0,5920891	1,176875	0,5920891	1,176875	0,3675506
949	5,560976	0,6525047	1,500318	0,6525047	1,500318	0,3712744
950	5,106383	0,6148691	1,32722	0,6148691	1,32722	0,3689886
951	8,256881	0,6829091	1,779741	0,6829091	1,779741	0,373046
952	7,826087	0,6321004	1,692666	0,6321004	1,692666	0,3700485
953	13,73585	0,6680852	2,136244	0,6680852	2,136244	0,3721902
954	9,958159	0,6384878	1,791491	0,6384878	1,791491	0,3704356
955	13,62963	0,6961637	2,098753	0,6961637	2,098753	0,3737988
956	9,72973	0,6651973	1,814056	0,6651973	1,814056	0,3720217
957	10,4581	0,6503697	1,976872	0,6503697	1,976872	0,3711475
958	10,4581	0,6503697	1,976872	0,6503697	1,976872	0,3711475
959	7,148936	0,6503697	1,559824	0,6503697	1,559824	0,3711475
960	6,666667	0,6050814	1,472489	0,6050814	1,472489	0,368376
961	4,745763	0,5945612	1,238816	0,5945612	1,238816	0,3677088
962	4,8	0,5851892	1,212338	0,5851892	1,212338	0,3671064
963	3,428571	0,5441385	1,267175	0,5441385	1,267175	0,3643741
964	2,4	0,5084154	1,379145	0,5084154	1,379145	0,3618595
965	2,666667	0,4769985	0,8491229	0,4769985	0,8491229	0,3595289
966	1,6	0,449196	0,4223924	0,449196	0,4223924	0,3573619
967	3	0,5440454	0,9851035	0,5440454	0,9851035	0,3643677
968	3	0,5083883	1,149287	0,5083883	1,149287	0,3618576
969	5,700599	0,6327712	1,521256	0,6327712	1,521256	0,3700893
970	9,220339	0,6528619	1,748836	0,6528619	1,748836	0,3712956
971	8,552113	0,6920734	1,842188	0,6920734	1,842188	0,3735677
972	6,129032	0,670197	1,689167	0,670197	1,689167	0,372313
973	5,932584	0,6178554	1,359221	0,6178554	1,359221	0,369174
974	4,941176	0,6032451	1,224149	0,6032451	1,224149	0,3682602
975	2,181818	0,5594537	0,6368422	0,5594537	0,6368422	0,3654121
976	8,231047	0,6708567	1,770054	0,6708567	1,770054	0,3723513
977	5,751351	0,6622422	1,549062	0,6622422	1,549062	0,3718487
978	5,915493	0,5975401	1,387337	0,5975401	1,387337	0,3678987
979	5,419355	0,6643634	1,422193	0,6643634	1,422193	0,371973
980	5,217391	0,6308883	1,359221	0,6308883	1,359221	0,3699747
981	16,03053	0,7096261	2,27426	0,7096261	2,27426	0,3745519
982	8,470589	0,6586761	1,851848	0,6586761	1,851848	0,3716392
983	8,855814	0,6788278	1,70019	0,6788278	1,70019	0,3728118
984	6,1875	0,6821767	1,725107	0,6821767	1,725107	0,373004
985	8,181818	0,6822255	1,762609	0,6822255	1,762609	0,3730068
986	5,637584	0,6627022	1,493193	0,6627022	1,493193	0,3718757
987	5,938144	0,6503254	1,610097	0,6503254	1,610097	0,3711449

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
936	0,463596	0,37308	1,171248	312,5055	12,99677	2,3
937	0,4556527	0,395959	0,928312	286,7274	12,1937	2,444444
938	0,4409641	0,378507	0,790404	187,6362	12,67958	2,578947
939	0,4530477	0,377259	1,037146	161,4146	12,71994	2,4
940	0,4261058	0,365323	0,560525	51,76429	13,17433	2,733333
941	0,4458782	0,394945	0,772132	225,1202	12,20178	2,5625
942	0,4420315	0,394003	0,68382	95,43571	12,21065	2,617021
943	0,4253058	0,366662	0,632291	154,7759	13,13075	2,692308
944	0,4470633	0,405232	0,754176	130,6728	11,96045	2,586207
945	0,4397351	0,402235	0,69599	116,422	11,99516	2,636364
946	0,4268879	0,343323	1,022413	21,57536	14,05569	2,466667
947	0,4479297	0,378175	0,924336	126,1992	12,71348	2,48718
948	0,4281006	0,344602	1,021698	63,38935	14,00565	2,428571
949	0,430488	0,354353	0,734376	102,6045	12,80145	2,62963
950	0,4291829	0,337501	0,910266	70,31695	13,52381	2,526316
951	0,439422	0,37558	0,772288	87,16481	12,27603	2,594594
952	0,4446625	0,350447	0,997658	126,334	13,18241	2,444444
953	0,4571072	0,366224	1,082369	252,688	12,52623	2,375
954	0,4486522	0,355949	1,038796	146,3136	13,06053	2,413793
955	0,4542459	0,385225	1,026557	148,9478	12,06134	2,414634
956	0,445259	0,374689	0,9358	58,5561	12,57627	2,484848
957	0,4530477	0,365142	1,037146	100,6411	12,84019	2,4
958	0,4530477	0,365142	1,037146	98,84016	12,84019	2,4
959	0,4432926	0,362933	1,069748	29,93038	12,84019	2,409091
960	0,4457466	0,341276	1,184496	120,1538	13,72639	2,333333
961	0,4355583	0,332626	1,190852	36,79538	13,95157	2,357143
962	0,4427346	0,325214	1,384695	152,6804	14,159	2,25
963	0,5	0,302815	2,308271	71,09364	15,15174	1,875
964	0,5566414	0,283041	2,872556	55,38753	16,14609	1,714286
965	0,4491222	0,265725	2,168826	51,96062	17,14366	2
966	0,3413031	0,250331	1,821928	23,15562	18,14286	2,25
967	0,4603911	0,302698	2,040852	48,17756	15,15416	2
968	0,5	0,283066	2,449023	42,87411	16,14689	1,857143
969	0,4333935	0,350698	0,812218	51,82545	13,16949	2,576923
970	0,4457596	0,355102	0,995438	61,41267	12,795	2,448276
971	0,4431701	0,372608	0,845049	70,88295	12,12671	2,54054
972	0,4392948	0,365927	0,831279	98,07709	12,48991	2,548387
973	0,4347958	0,338901	1,026162	44,96458	13,46328	2,444444
974	0,4385315	0,328947	1,270897	103,1184	13,76513	2,307692
975	0,386988	0,305228	1,44132	84,22185	14,76433	2,333333
976	0,44353	0,36677	0,909273	89,47828	12,47861	2,5
977	0,4329037	0,361401	0,765031	79,89459	12,62793	2,607143
978	0,4481426	0,341089	1,332444	110,4889	13,88701	2,266667
979	0,4316805	0,371769	0,869867	66,7355	12,5908	2,545455
980	0,4347958	0,357361	1,029346	54,59568	13,20581	2,444444
981	0,4585872	0,400024	1,064719	72,59344	11,85149	2,382979
982	0,4476306	0,376931	0,958578	52,44834	12,69088	2,454545
983	0,4437556	0,388709	0,972128	36,66774	12,34383	2,464286
984	0,441697	0,390459	0,867122	44,51615	12,28814	2,516129
985	0,4441781	0,390635	0,932604	52,34187	12,28733	2,483871
986	0,4341686	0,373283	0,866603	68,69366	12,61985	2,541667
987	0,4386742	0,367594	0,881732	22,5548	12,841	2,518518

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
936	11,96778	2,069652	1240	41	0,019381	0,066667
937	11,17971	2,333333	1240	55	0,018084	0,054507
938	11,68234	2,375	1240	39	0,018868	0,085349
939	11,72196	2,219101	1240	36	0,018934	0,082353
940	12,17518	2,58871	1240	31	0,019668	0,11954
941	11,20072	2,506787	1240	49	0,018097	0,066489
942	11,20859	2,535211	1240	48	0,018111	0,070305
943	12,12792	2,639344	1240	27	0,019597	0,135385
944	10,93652	2,438818	1240	59	0,017707	0,055656
945	10,97446	2,5	1240	45	0,017763	0,07611
946	13,04487	2,526316	1240	16	0,021092	0,209524
947	11,74177	2,36129	1240	40	0,018923	0,078273
948	12,99069	2,484848	1240	15	0,021011	0,21978
949	12,16229	2,523077	1240	28	0,019065	0,125356
950	12,84678	2,536083	1240	20	0,020232	0,169591
951	11,55322	2,511111	1240	38	0,018217	0,088589
952	12,45322	2,407692	1240	28	0,019681	0,111111
953	11,84869	2,263736	1240	41	0,018621	0,070513
954	12,30453	2,315789	1240	30	0,019484	0,100985
955	11,31838	2,333333	1240	42	0,01787	0,070732
956	11,76492	2,4125	1240	34	0,018702	0,092803
957	12,05036	2,368984	1240	36	0,019128	0,082353
958	12,05036	2,368984	1240	36	0,019128	0,082353
959	12,07088	2,336539	1240	23	0,019128	0,134199
960	12,92697	2,311111	1240	19	0,02056	0,156863
961	13,18687	2,362319	1240	15	0,020923	0,208791
962	13,43484	2,326923	1240	13	0,021258	0,227273
963	14,42912	1,68	1240	9	0,022862	0,25
964	15,42506	1,368421	1240	8	0,024469	0,238095
965	16,42363	1,823529	1240	7	0,02608	0,4
966	17,42315	2,166667	1240	5	0,027694	0,833333
967	14,43103	1,916667	1240	8	0,022866	0,333333
968	15,4253	1,421053	1240	8	0,02447	0,285714
969	12,44296	2,491071	1240	27	0,01966	0,126154
970	12,15609	2,360902	1240	30	0,019055	0,103448
971	11,5358	2,378049	1240	38	0,017975	0,085586
972	11,81265	2,471831	1240	32	0,018562	0,103226
973	12,7864	2,414634	1240	19	0,020135	0,169935
974	13,12601	2,449275	1240	14	0,020622	0,217949
975	14,12554	2,333333	1240	7	0,022236	0,533333
976	11,80095	2,437086	1240	33	0,018544	0,096774
977	11,95728	2,525548	1240	29	0,018785	0,119048
978	12,99523	2,19403	1240	16	0,020819	0,180952
979	11,76754	2,528926	1240	23	0,018725	0,147186
980	12,34535	2,5	1240	19	0,019719	0,169935
981	10,9463	2,274039	1240	48	0,017531	0,06013
982	11,67064	2,268965	1240	34	0,018887	0,090909
983	11,31408	2,445256	1240	29	0,018326	0,108466
984	11,24105	2,41844	1240	32	0,018236	0,101075
985	11,23962	2,375886	1240	32	0,018235	0,098925
986	11,69332	2,521368	1240	25	0,018772	0,134058
987	11,93652	2,446281	1240	28	0,019129	0,116809

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
936	0,642099	0,324675	1,55792	0,442578	4,128547	1,781431	4190
937	0,656078	0,257143	1,453633	0,434211	4,074396	2,050058	4190
938	0,651562	0,178082	1,516729	0,549798	4,055896	2,255188	4190
939	0,650358	0,268657	1,52197	0,50585	4,056684	1,917889	4190
940	0,636801	0,087719	1,580979	0,673206	4,110243	2,590933	4190
941	0,65583	0,193548	1,454681	0,492495	4,064862	2,254311	4190
942	0,655557	0,164835	1,455834	0,514115	4,059447	2,379823	4190
943	0,638102	0,102041	1,575319	0,70545	4,106975	2,467788	4190
944	0,663245	0,185841	1,423342	0,463708	4,095767	2,293234	4190
945	0,662178	0,152941	1,427849	0,534786	4,069032	2,373126	4190
946	0,621481	0,185185	1,695433	0,834617	4,176976	1,907333	4190
947	0,65055	0,226667	1,521132	0,511942	4,065646	2,076293	4190
948	0,622932	0,2	1,688935	0,849708	4,165274	1,953459	4190
949	0,557914	0,137255	1,532556	0,666525	3,847293	2,306915	4190
950	0,547425	0,171429	1,626362	0,753455	3,938095	2,050373	4190
951	0,577596	0,169014	1,464324	0,56188	3,874738	2,267764	4190
952	0,559762	0,235294	1,582027	0,590784	3,956305	1,956805	4190
953	0,568224	0,285714	1,496815	0,468111	3,880186	1,8843	4190
954	0,564166	0,254546	1,5662	0,558194	3,97172	1,941927	4190
955	0,585639	0,265823	1,436444	0,476473	3,856113	1,952441	4190
956	0,581666	0,222222	1,503314	0,551251	3,95773	2,051092	4190
957	0,572129	0,268657	1,537587	0,50585	3,982539	1,917889	4190
958	0,572129	0,268657	1,537587	0,50585	3,982539	1,917889	4190
959	0,572129	0,243902	1,537587	0,641098	3,926068	1,872469	4190
960	0,555781	0,272727	1,65267	0,679122	4,025649	1,78221	4190
961	0,547921	0,24	1,681913	0,807222	4,011292	1,717639	4190
962	0,540681	0,285714	1,708849	0,824853	4,013714	1,579072	4190
963	0,522299	0,461539	1,837767	0,789157	4,082562	1,068055	4190
964	0,505025	0,545455	1,966895	0,725087	4,154706	0,93988	4190
965	0,488701	0,333333	2,096443	1,177686	4,218545	1,091162	4190
966	0,473293	0	2,2262	2,367467	4,280019	1,203369	4190
967	0,522218	0,363636	1,838082	1,015122	4,077927	1,140318	4190
968	0,504998	0,454546	1,967	0,870104	4,152211	1,040167	4190
969	0,560229	0,163265	1,58035	0,657352	3,948329	2,189799	4190
970	0,558156	0,236364	1,531718	0,571809	3,853799	1,976952	4190
971	0,567335	0,197183	1,444933	0,542833	3,784824	2,159789	4190
972	0,569584	0,186441	1,492099	0,592008	3,851741	2,163658	4190
973	0,549612	0,212121	1,618502	0,735716	3,933026	1,93326	4190
974	0,538704	0,26087	1,657701	0,816894	3,934648	1,680826	4190
975	0,519552	0,111111	1,787458	1,570248	4,001756	1,440605	4190
976	0,570008	0,213115	1,490631	0,564955	3,857941	2,070955	4190
977	0,564414	0,150943	1,510021	0,645552	3,857996	2,260639	4190
978	0,564991	0,296296	1,673528	0,720806	4,045393	1,608219	4190
979	0,581141	0,170732	1,5052	0,70314	3,92594	2,106321	4190
980	0,573952	0,212121	1,585067	0,735716	3,997013	1,898284	4190
981	0,607857	0,285714	1,409193	0,439704	3,888076	1,909044	4190
982	0,605367	0,238095	1,518197	0,540001	4,005573	2,004487	4190
983	0,617082	0,226415	1,473128	0,58817	3,988575	2,008871	4190
984	0,618962	0,20339	1,465896	0,579674	4,003203	2,112664	4190
985	0,618989	0,220339	1,465791	0,567341	4,003544	2,039703	4190
986	0,594405	0,177778	1,508973	0,669706	3,90929	2,111498	4190
987	0,586686	0,196078	1,537692	0,621081	3,939436	2,091351	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
936	201	16103	92
937	255	15108	132
938	192	15710	98
939	178	15760	84
940	124	16323	82
941	221	15118	123
942	213	15129	123
943	122	16269	70
944	237	14819	150
945	188	14862	116
946	76	17415	37
947	155	15752	97
948	66	17353	34
949	130	15861	71
950	97	16756	48
951	180	15210	96
952	130	16333	66
953	182	15520	95
954	133	16182	70
955	195	14944	99
956	160	15582	82
957	187	15909	84
958	187	15909	84
959	104	15909	53
960	90	17007	42
961	69	17286	33
962	52	17543	27
963	25	18773	15
964	19	20005	12
965	17	21241	12
966	12	22479	9
967	24	18776	14
968	19	20006	13
969	112	16317	67
970	133	15853	71
971	164	15025	94
972	142	15475	79
973	82	16681	44
974	69	17055	30
975	24	18293	14
976	151	15461	80
977	137	15646	73
978	67	17206	34
979	121	15600	56
980	96	16362	44
981	208	14684	112
982	145	15724	81
983	137	15294	69
984	141	15225	78
985	141	15224	77
986	117	15636	61
987	121	15910	68

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
988	3803,6757	3124,0706	3821,4973	3113,6027	16	5	3946
989	3814,4572	3105,7145	3836,1739	3101,5647	252	12	5403
990	3729,7090	3141,5041	3732,3298	3206,4048	3048	52	41003
991	3728,8432	3166,3111	3767,9279	3153,4248	333	8	6463
992	2945,7587	2335,2945	3076,1517	2294,4921	11816	86	178140
993	2970,0926	2305,9535	2987,0804	2344,9220	451	0	11906
994	2950,3500	2355,0079	2987,9986	2340,7959	14	4	5611,5
995	2947,5952	2371,9707	3022,8926	2369,6784	17	0	3975
996	2908,1100	2320,1655	2975,6021	2277,9878	317	7	13300
997	2961,8282	2259,6497	2998,0995	2324,2916	706	6	20629,5
998	2931,9848	2295,8675	2987,0804	2235,8101	1069	22	27809
999	2936,6333	2198,1610	3068,8628	2317,3588	805	26	23944
1000	2872,3550	2234,3788	2932,9603	2248,5908	556	11	16213
1001	2926,9915	2249,5078	2977,4959	2198,1610	621	13	18839
1002	2891,6385	2195,4103	2978,8733	2249,5078	29968	87	343941,5
1003	2896,6890	2242,6310	2910,9220	2202,7455	193	7	10347
1004	2840,6751	2192,6596	2906,7898	2221,0837	173	14	8406,5
1005	2964,6917	2248,5908	3032,6430	2321,0264	445	10	15700
1006	3062,0459	2138,5927	3103,8268	2067,9910	849	5	11173,5
1007	3096,9398	2061,5726	3101,5311	2080,3692	589	4	8475
1008	3095,5624	2068,4494	3123,1102	2023,0626	1102	9	10487
1009	3094,1299	2163,7526	3149,3725	2038,7783	1642	17	15933,5
1010	3140,7408	2162,0289	3201,1623	2152,5481	684	1	8290
1011	3131,0520	2122,5732	3176,1306	2223,2232	490	2	9571,5
1012	3169,2253	2221,4994	3209,7940	2214,6043	930	4	10778
1013	3033,7326	2295,9497	3063,0802	2275,2643	296	2	8698
1014	2918,0685	2226,9984	2972,4479	2271,8168	590	20	18950
1015	2838,6573	2314,9114	2838,6573	2367,4868	25	5	5873
1016	2833,4783	2329,5635	2907,3831	2165,5396	9911	78	141710
1017	2905,0287	2212,7762	2944,3851	2201,2288	1051	23	25373
1018	2899,5053	2390,8875	3022,2930	2393,4117	4551	27	80134
1019	3013,6257	2421,8997	3026,7827	2307,1111	12817	114	168457,5
1020	2943,9256	2409,6391	3032,7661	2415,7694	436	12	15311
1021	3013,9868	2401,3451	3032,7661	2403,8693	178	0	8069
1022	3014,7091	2387,2814	3036,0164	2389,0844	148	0	7537
1023	3027,7101	2424,7846	3034,2107	2345,4509	439	36	19356,5
1024	3018,3205	2349,4176	3066,3522	2353,3843	1642	15	29216
1025	3028,0713	2398,8208	3111,4947	2398,4602	501	14	15123
1026	3076,8252	2378,6268	3083,6869	2431,9967	195	2	8454,5
1027	3059,1293	2428,7512	3063,4630	2347,9752	255	10	11773
1028	3058,7682	2349,7782	3079,3532	2386,5602	2	2	6045
1029	2999,1801	2417,2118	3120,5232	2433,4392	7437	99	98941
1030	2945,0090	2411,8027	3049,7397	2443,8968	694	21	15915
1031	3036,0814	2515,0569	3047,9340	2422,2603	4670	21	75100,5
1032	2893,4310	2464,9325	3002,1342	2477,5538	6437	59	86935
1033	2993,8424	2482,8186	3007,5079	2409,0095	1787	18	30957
1034	3039,3316	2458,4416	3152,7297	2460,6052	8022	14	119015
1035	3085,5450	2532,3137	3099,6421	2415,1686	6946	49	98439
1036	3034,2757	2478,9962	3099,6963	2484,7743	92	0	7461,5
1037	3209,7056	2364,7018	3215,6615	2405,5884	5054	9	45518
1038	3170,2476	2446,4750	3217,8950	2390,7205	3175	7	33025,5
1039	3152,6017	2278,8622	3171,9584	2371,0429	2105	5	22794

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
988	209	0,00044953	0,02854996	2,09E-05	0,014245
989	331	0,000615513	0,04305411	0,000328578	0,0258065
990	952	0,004671083	0,09714286	0,00397423	0,0926916
991	148	0,000736268	0,04096886	0,000434193	0,0421053
992	2915	0,0202938	0,07938345	0,01540666	0,0558442
993	213	0,001356338	0,009389671	0,000588051	0
994	181,5	0,000639265	0,01550686	1,83E-05	0,011396
995	165	0,000452834	0,009853982	2,22E-05	0
996	464,5	0,001515143	0,0120206	0,00041333	0,0045455
997	545,5	0,002350123	0,02044564	0,00092054	0,0055504
998	1446	0,003168016	0,04518115	0,001393849	0,0159652
999	1335	0,002727713	0,04597028	0,001049624	0,0212245
1000	791	0,001846993	0,01781451	0,000724958	0,006429
1001	935	0,002146149	0,02809326	0,00080971	0,0087542
1002	2937	0,03918199	0,05141627	0,03907472	0,033105
1003	521	0,001178736	0,02362812	0,000251649	0,0073996
1004	518,5	0,000957673	0,03855592	0,000225572	0,0301075
1005	713	0,001788552	0,02604281	0,000580227	0,0096618
1006	68,5	0,001272891	0,06765432	0,001106995	0,0909091
1007	112	0,000965476	0,05827263	0,000767986	0,0439561
1008	177	0,001194684	0,02458333	0,001436877	0,0142857
1009	302	0,001815153	0,03992333	0,002140973	0,0255255
1010	26	0,000944401	0,006419753	0,000891855	0,0047619
1011	65,5	0,00109039	0,09569029	0,000638902	0,0444445
1012	69	0,001227835	0,01703704	0,00121261	0,0190476
1013	186	0,000990881	0,0120093	0,000385949	0,0043011
1014	926	0,002158794	0,02448926	0,00076929	0,013468
1015	330,5	0,000669055	0,0112868	3,26E-05	0,0040816
1016	2598	0,01614368	0,05372153	0,01292277	0,0332481
1017	1006	0,002890505	0,02177112	0,001370379	0,0117768
1018	2131,5	0,009128907	0,03844385	0,005933964	0,011509
1019	3523	0,01919077	0,08923393	0,01671185	0,0622951
1020	720	0,001744237	0,04117933	0,000568492	0,0190476
1021	147	0,000919225	0,01177696	0,000232091	0
1022	116	0,000858619	0,009293382	0,000192974	0
1023	954	0,002205102	0,08045202	0,000572404	0,0605042
1024	541	0,003328302	0,04334241	0,002140973	0,0396825
1025	326	0,00172282	0,06929535	0,000653245	0,0666667
1026	237,5	0,000963141	0,02854396	0,000254257	0,0045977
1027	436	0,001341186	0,0524007	0,00033249	0,0229885
1028	124,5	0,00068865	0,02759003	2,61E-06	0,0105263
1029	2945	0,01127141	0,1195114	0,009696965	0,0956522
1030	808,5	0,001813045	0,040425	0,000904894	0,0315315
1031	999,5	0,008555488	0,04019787	0,006089125	0,0164706
1032	2272	0,009903681	0,03752147	0,008393084	0,0237425
1033	925	0,003526638	0,0275786	0,002330036	0,0116883
1034	486	0,01355825	0,05578512	0,01045974	0,037037
1035	1539	0,01121422	0,07772531	0,009056759	0,0453284
1036	142,5	0,000850018	0,02192982	0,000119957	0
1037	290	0,005185434	0,058	0,006589816	0,0276923
1038	195,5	0,003762282	0,07979592	0,004139823	0,0514706
1039	132	0,002596704	0,02394558	0,00274467	0,0166667

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
988	2	0,309524	0,1666667	4,348876	1,259616	7,669796
989	2	0,309524	0,1428571	4,359962	1,246488	7,72274
990	5	1,35	0,2941177	4,352408	1,419245	8,306093
991	2	0,7	0,25	4,36628	1,244333	7,586464
992	8	1,426623	0,2352941	3,924367	1,44743	4,690072
993	3	0,658333	0,2307692	3,91495	1,074607	4,37852
994	3	0,576191	0,2	3,977818	1,388723	4,481883
995	2	0,190909	0,1052632	3,974162	1,262792	4,404271
996	3	0,395489	0,1153846	4,030965	1,231568	4,481657
997	5	1,075	0,2941177	3,936961	1,23437	4,474143
998	6	1,152381	0,2727273	4,039606	1,312887	4,590543
999	6	1,491667	0,3	3,950807	1,302464	4,504247
1000	4	0,669298	0,1481481	4,044174	1,265567	4,535141
1001	5	0,934524	0,25	3,963264	1,220975	4,482546
1002	7	1,210965	0,1842105	4,07589	1,355603	4,605782
1003	4	0,97619	0,3333333	4,092798	1,056112	4,584859
1004	3	0,666667	0,2307692	3,996198	1,281411	4,478221
1005	4	0,632576	0,1904762	3,952405	1,304248	4,579185
1006	3	1,083333	0,375	3,940848	1,556642	4,368924
1007	2	0,833333	0,3333333	3,980908	1,29415	4,425024
1008	2	0,642857	0,2	4,016319	1,013699	4,639568
1009	3	1,142857	0,25	4,020668	1,137026	4,765277
1010	2	0,5	0,2222222	3,90128	1,274208	4,477221
1011	3	1,5	0,5	3,913076	1,475435	4,389152
1012	2	0,5	0,2222222	3,90128	1,274208	4,477221
1013	2	0,309524	0,1666667	3,869366	1,188504	4,392353
1014	4	0,619298	0,1481481	4,030175	1,293135	4,531176
1015	3	0,559524	0,2142857	4,029706	1,037202	4,473118
1016	6	1,327381	0,25	3,975563	1,197715	4,511643
1017	4	0,612155	0,1333333	4,040715	1,264529	4,531651
1018	3	0,243541	0,08571429	4,045093	1,215152	4,490034
1019	11	3,583333	0,3928571	3,952829	1,422234	4,5577
1020	4	0,583766	0,1818182	3,978815	1,390543	4,552999
1021	2	0,233766	0,1428571	3,960817	1,288495	4,384716
1022	2	0,233766	0,1428571	3,960817	1,288495	4,384716
1023	7	2,375	0,4117647	4,030778	1,445998	4,691953
1024	4	0,8171	0,2352941	3,964541	1,447737	4,52971
1025	4	0,926191	0,2666667	3,96773	1,489877	4,980683
1026	3	0,708333	0,25	4,020946	1,263238	4,566806
1027	4	0,958333	0,3333333	4,021836	1,298832	4,607326
1028	3	0,833333	0,375	3,997647	1,285035	4,480898
1029	8	1,633766	0,2580645	4,010751	1,476672	4,644932
1030	3	0,55	0,1764706	3,994214	1,291422	4,506165
1031	5	1,208333	0,25	3,970098	1,265573	4,907929
1032	4	0,569298	0,1142857	4,054799	1,251503	4,542538
1033	4	0,958333	0,2666667	4,085941	1,034127	4,614808
1034	4	0,95	0,2857143	3,913122	1,410027	5,061314
1035	6	1,325	0,2857143	3,971789	1,360386	4,931772
1036	3	0,616667	0,3	3,982463	1,35426	4,832014
1037	4	1,866667	0,3636364	3,8705	1,337678	4,736482
1038	3	1	0,3333333	3,944922	1,44416	4,750499
1039	2	0,533333	0,2222222	3,818821	1,173629	4,3722

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
988	5,938144	0,6503254	1,610097	0,6503254	1,610097	0,3711449
989	6,1875	0,6517025	1,725107	0,6517025	1,725107	0,3712268
990	11,54519	0,7115844	1,975685	0,7115844	1,975685	0,3746605
991	5,148515	0,6521479	1,345503	0,6521479	1,345503	0,3712532
992	19,18665	0,8492144	2,661518	0,8492144	2,661518	0,3817633
993	8,408759	0,8148368	1,84429	0,8148368	1,84429	0,3800793
994	7,981395	0,7463176	1,784162	0,7463176	1,784162	0,3765488
995	6,43787	0,7444541	1,937335	0,7444541	1,937335	0,3764493
996	9,731273	0,8192447	2,249617	0,8192447	2,249617	0,3802983
997	12,3775	0,8198783	2,025026	0,8198783	2,025026	0,3803298
998	15,11811	0,8038524	2,215306	0,8038524	2,215306	0,3795295
999	14,50075	0,8237006	2,150545	0,8237006	2,150545	0,3805188
1000	12,27907	0,8232031	2,308568	0,8232031	2,308568	0,3804942
1001	13,3687	0,8400919	2,142896	0,8400919	2,142896	0,3813218
1002	19,6109	0,8529344	2,667249	0,8529344	2,667249	0,3819423
1003	9,452685	0,7693053	1,84429	0,7693053	1,84429	0,3777607
1004	8,047059	0,7623591	1,725107	0,7623591	1,725107	0,3773975
1005	11,39726	0,7963378	2,108796	0,7963378	2,108796	0,3791499
1006	4,8	0,7469018	1,305726	0,7469018	1,305726	0,3765799
1007	4,235294	0,7294842	1,120834	0,7294842	1,120834	0,3756425
1008	5,883268	0,7486601	1,654365	0,7486601	1,654365	0,3766736
1009	8,051613	0,7488951	1,750078	0,7488951	1,750078	0,3766861
1010	5,37931	0,8000775	1,40625	0,8000775	1,40625	0,3793392
1011	3,870968	0,7255455	1,105854	0,7255455	1,105854	0,3754281
1012	5,37931	0,8000775	1,40625	0,8000775	1,40625	0,3793392
1013	6,05042	0,8390576	1,654694	0,8390576	1,654694	0,3812715
1014	12,12352	0,8184015	2,303613	0,8184015	2,303613	0,3802565
1015	8,688846	0,7954747	1,920129	0,7954747	1,920129	0,3791061
1016	16,17931	0,8447781	2,311444	0,8447781	2,311444	0,3815491
1017	12,52302	0,8331957	2,391437	0,8331957	2,391437	0,3809855
1018	10,14809	0,8233452	2,494529	0,8233452	2,494529	0,3805012
1019	21,87934	0,8208659	2,532528	0,8208659	2,532528	0,3803787
1020	10,65274	0,7448028	2,147155	0,7448028	2,147155	0,3764679
1021	6,082949	0,7420801	1,70019	0,7420801	1,70019	0,3763222
1022	6,082949	0,7420801	1,70019	0,7420801	1,70019	0,3763222
1023	13,04632	0,6926261	2,060994	0,6926261	2,060994	0,373599
1024	9,6	0,7423688	1,936327	0,7423688	1,936327	0,3763376
1025	8,115942	0,6729861	1,875	0,6729861	1,875	0,3724748
1026	7,828326	0,691672	1,679182	0,691672	1,679182	0,3735449
1027	8,978903	0,6917222	1,716497	0,6917222	1,716497	0,3735478
1028	6,058252	0,6818842	1,390353	0,6818842	1,390353	0,3729872
1029	17,17073	0,7595672	2,655521	0,7595672	2,655521	0,3772509
1030	8,736	0,7572763	1,909176	0,7572763	1,909176	0,3771302
1031	13,21534	0,7789145	2,126104	0,7789145	2,126104	0,3782589
1032	12,88824	0,8255537	2,518878	0,8255537	2,518878	0,3806102
1033	10,70064	0,7577574	2,010296	0,7577574	2,010296	0,3771555
1034	9,350649	0,7630908	1,787379	0,7630908	1,787379	0,3774359
1035	14,53846	0,7784696	2,173925	0,7784696	2,173925	0,3782359
1036	6,933333	0,7079412	1,51108	0,7079412	1,51108	0,3744583
1037	8,347826	0,8118553	1,641355	0,8118553	1,641355	0,3799307
1038	6,206897	0,7455012	1,402843	0,7455012	1,402843	0,3765052
1039	5,513514	0,8564563	1,469555	0,8564563	1,469555	0,3821113

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
988	0,4386742	0,367594	0,881732	20,6685	12,841	2,518518
989	0,441697	0,369312	0,867122	22,10966	12,81598	2,516129
990	0,4540745	0,40255	1,079861	64,95356	11,82163	2,382353
991	0,4287201	0,3701	0,871033	41,1542	12,80791	2,55
992	0,4700486	0,433169	1,178622	136,6278	10,0678	2,267857
993	0,4383214	0,414634	0,67163	42,51036	10,45036	2,659091
994	0,4511452	0,385864	1,080118	40,24183	11,318	2,37037
995	0,4507081	0,384546	0,927765	75,33226	11,34383	2,428571
996	0,4522116	0,429231	0,845776	79,58734	10,39952	2,5
997	0,4461808	0,419546	0,822913	74,12273	10,39225	2,553191
998	0,4521445	0,422069	0,908922	81,501	10,5795	2,490566
999	0,4507042	0,422984	0,897645	178,0246	10,34867	2,5
1000	0,453444	0,432719	0,872805	62,24929	10,35432	2,491525
1001	0,447763	0,432762	0,804407	72,02206	10,16626	2,563636
1002	0,462345	0,451864	0,993214	102,6471	10,02825	2,39726
1003	0,4383214	0,409247	0,66007	42,34886	11,00969	2,659091
1004	0,441697	0,395979	0,891417	71,9659	11,10089	2,516129
1005	0,451079	0,409097	0,91492	99,31914	10,6699	2,478261
1006	0,4633142	0,382577	1,698155	82,03809	11,30993	2,090909
1007	0,42124	0,377453	0,970613	19,3492	11,55609	2,5
1008	0,4324321	0,390821	0,625115	53,09282	11,28571	2,694444
1009	0,4376181	0,391367	0,732322	136,6394	11,28249	2,621622
1010	0,4321928	0,405702	0,904277	61,16083	10,6247	2,523809
1011	0,4421141	0,369018	1,475435	110,2837	11,6134	2,2
1012	0,4321928	0,405702	0,904277	41,15055	10,6247	2,523809
1013	0,4369674	0,421989	0,792336	35,90497	10,17756	2,580645
1014	0,4551529	0,428705	0,916653	70,46846	10,4092	2,454545
1015	0,4391764	0,416646	0,637317	52,57539	10,68039	2,68
1016	0,4497117	0,436527	0,776297	179,9049	10,11542	2,57971
1017	0,4552723	0,437597	0,879672	41,01542	10,24213	2,476191
1018	0,4571395	0,432892	0,850607	122,8137	10,3527	2,463768
1019	0,4620304	0,421744	1,062391	115,5402	10,38095	2,377049
1020	0,4617158	0,385177	1,11848	89,05175	11,33898	2,305556
1021	0,4437556	0,382033	0,934159	18,94817	11,37692	2,464286
1022	0,4437556	0,382033	0,934159	21,38344	11,37692	2,464286
1023	0,4579513	0,36287	1,131651	79,59956	12,11784	2,342857
1024	0,4598604	0,382541	1,199553	48,19517	11,37288	2,285714
1025	0,4713155	0,347064	1,4251	83,42419	12,44229	2,142857
1026	0,4397508	0,361486	0,870231	53,80921	12,13317	2,533333
1027	0,4422898	0,361592	0,915086	80,89227	12,13237	2,5
1028	0,4328533	0,354305	0,930543	42,15038	12,29298	2,5
1029	0,4771469	0,395966	1,309502	122,4234	11,13801	2,173913
1030	0,4471202	0,393144	0,908779	109,5379	11,16868	2,486486
1031	0,4489654	0,401937	0,854673	93,55051	10,8862	2,529412
1032	0,4573792	0,435094	0,874837	109,4335	10,32768	2,464789
1033	0,4410162	0,402428	0,63382	75,06357	11,16223	2,678571
1034	0,4498132	0,38812	1,076073	113,4187	11,0912	2,392857
1035	0,4536834	0,401878	0,974605	117,9902	10,89185	2,446809
1036	0,4392318	0,366448	1,004774	65,6753	11,87732	2,454545
1037	0,4424467	0,408427	0,976143	41,31812	10,48507	2,461539
1038	0,4421295	0,382254	1,181585	73,34054	11,3293	2,352941
1039	0,4307614	0,425113	0,782419	94,19109	9,991122	2,6

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
988	11,93652	2,446281	1240	28	0,019129	0,116809
989	11,91026	2,419355	1240	32	0,019089	0,101075
990	10,83413	2,292857	1240	35	0,017482	0,083779
991	11,81742	2,458823	1240	21	0,019076	0,163158
992	9,616467	2,180812	1240	57	0,014649	0,046104
993	9,915751	2,474178	1240	45	0,015267	0,077167
994	10,78711	2,398693	1240	28	0,016669	0,105413
995	10,8062	2,393443	1240	36	0,016711	0,084034
996	9,8179	2,381295	1240	57	0,015185	0,054545
997	9,860382	2,359307	1240	48	0,015173	0,06753
998	10,06396	2,29249	1240	54	0,015476	0,057329
999	9,820525	2,298755	1240	51	0,015103	0,061224
1000	9,776134	2,422819	1240	60	0,015112	0,051432
1001	9,676611	2,395349	1240	56	0,014808	0,057912
1002	9,51241	2,278106	1240	74	0,014585	0,038813
1003	10,49045	2,514286	1240	45	0,016171	0,077167
1004	10,61074	2,487805	1240	32	0,016318	0,101075
1005	10,179	2,376068	1240	47	0,015622	0,0657
1006	10,93628	2,222222	1240	12	0,016656	0,218182
1007	11,26325	2,516129	1240	15	0,017053	0,230769
1008	11,07375	2,483333	1240	37	0,016617	0,096825
1009	11,07088	2,422764	1240	38	0,016611	0,09009
1010	10,34535	2,5	1240	22	0,015549	0,152381
1011	11,33628	2,189189	1240	11	0,017146	0,266667
1012	10,34535	2,5	1240	22	0,015549	0,152381
1013	9,735322	2,568182	1240	32	0,014826	0,105376
1014	9,827208	2,345454	1240	56	0,015201	0,053872
1015	10,15036	2,545455	1240	51	0,015639	0,068571
1016	9,627446	2,424437	1240	70	0,014726	0,046462
1017	9,692124	2,368421	1240	64	0,014931	0,047619
1018	9,769451	2,351351	1240	70	0,015109	0,043052
1019	9,843914	2,220641	1240	62	0,015155	0,045902
1020	10,79809	2,245989	1240	37	0,016703	0,074603
1021	10,83771	2,449367	1240	29	0,016764	0,108466
1022	10,83771	2,449367	1240	29	0,016764	0,108466
1023	11,56468	2,194805	1240	36	0,017961	0,078992
1024	10,8327	2,316456	1240	29	0,016757	0,095238
1025	11,88998	2,175258	1240	22	0,018485	0,114286
1026	11,58377	2,341085	1240	31	0,017986	0,105747
1027	11,58234	2,294574	1240	31	0,017984	0,103448
1028	11,75251	2,357895	1240	21	0,018244	0,157895
1029	10,5895	2,144144	1240	47	0,016378	0,052174
1030	10,62124	2,48	1240	38	0,016428	0,082583
1031	10,25274	2,372197	1240	52	0,015971	0,061176
1032	9,749403	2,37069	1240	72	0,015069	0,041851
1033	10,57422	2,513514	1240	57	0,016417	0,061039
1034	10,47804	2,348485	1240	29	0,016302	0,103175
1035	10,26157	2,281407	1240	48	0,01598	0,062905
1036	11,24224	2,394737	1240	23	0,017572	0,138528
1037	10,15871	2,34	1240	27	0,015323	0,116923
1038	10,99857	2,357143	1240	18	0,016687	0,169118
1039	9,63747	2,523809	1240	26	0,014525	0,133333

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
988	0,586686	0,196078	1,537692	0,621081	3,939436	2,091351	4190
989	0,587559	0,20339	1,534443	0,579674	3,967358	2,112664	4190
990	0,622267	0,276923	1,405315	0,506154	3,906834	1,881481	4190
991	0,601417	0,162162	1,533394	0,743217	3,959056	2,104074	4190
992	0,683485	0,348624	1,177559	0,375725	3,494818	1,777166	4190
993	0,680997	0,141177	1,22724	0,542214	3,515196	2,425748	4190
994	0,662807	0,27451	1,339912	0,560487	3,63233	1,856557	4190
995	0,661963	0,253731	1,343266	0,516173	3,652788	2,030765	4190
996	0,692823	0,229358	1,220636	0,44452	3,556031	2,155611	4190
997	0,682959	0,197802	1,219693	0,493821	3,515977	2,214364	4190
998	0,686941	0,23301	1,244009	0,451405	3,576187	2,097356	4190
999	0,68443	0,226804	1,214033	0,464999	3,514212	2,115695	4190
1000	0,6943	0,234783	1,214767	0,433169	3,558816	2,125788	4190
1001	0,690587	0,196262	1,190346	0,466658	3,49816	2,237492	4190
1002	0,704956	0,286713	1,172423	0,374918	3,553574	1,980463	4190
1003	0,682976	0,141177	1,299874	0,542214	3,642802	2,457243	4190
1004	0,669902	0,20339	1,311718	0,579674	3,612921	2,09602	4190
1005	0,673587	0,235955	1,255748	0,474204	3,565681	2,071113	4190
1006	0,663071	0,368421	1,338864	0,765858	3,627217	1,339381	4190
1007	0,655026	0,16	1,370832	0,892193	3,651596	1,972416	4190
1008	0,652799	0,115942	1,33572	0,604462	3,641701	2,486467	4190
1009	0,652908	0,15493	1,3353	0,571403	3,643242	2,329365	4190
1010	0,664047	0,179487	1,249879	0,711111	3,508498	2,058885	4190
1011	0,641738	0,294118	1,378273	0,904278	3,621336	1,525843	4190
1012	0,664047	0,179487	1,249879	0,711111	3,508498	2,058885	4190
1013	0,679654	0,169492	1,191813	0,604341	3,458591	2,220746	4190
1014	0,692507	0,252336	1,221894	0,434101	3,554937	2,065637	4190
1015	0,683644	0,134021	1,257111	0,520798	3,586072	2,48235	4190
1016	0,692304	0,192593	1,183743	0,43263	3,517101	2,28346	4190
1017	0,697966	0,243902	1,200198	0,418159	3,547939	2,115061	4190
1018	0,694353	0,251852	1,214557	0,400877	3,583963	2,14691	4190
1019	0,68334	0,294118	1,218226	0,394862	3,548094	1,935009	4190
1020	0,662121	0,318841	1,342637	0,465733	3,657411	1,822369	4190
1021	0,660882	0,226415	1,347563	0,58817	3,640393	2,0209	4190
1022	0,660882	0,226415	1,347563	0,58817	3,640393	2,0209	4190
1023	0,647878	0,298508	1,443781	0,485203	3,762294	1,850853	4190
1024	0,661013	0,320755	1,347039	0,516442	3,644854	1,73905	4190
1025	0,626065	0,384615	1,485915	0,533333	3,768982	1,53863	4190
1026	0,647393	0,192983	1,445772	0,595528	3,745832	2,126162	4190
1027	0,647418	0,210526	1,445667	0,582582	3,746944	2,08277	4190
1028	0,642331	0,189189	1,466525	0,719242	3,74224	2,052175	4190
1029	0,668689	0,393258	1,316539	0,376574	3,662369	1,653818	4190
1030	0,667687	0,225352	1,320522	0,523786	3,633377	2,070056	4190
1031	0,666285	0,212121	1,283838	0,470344	3,589349	2,165194	4190
1032	0,695171	0,251799	1,211308	0,397002	3,586814	2,120206	4190
1033	0,678144	0,137615	1,319684	0,497439	3,684109	2,498419	4190
1034	0,647763	0,264151	1,31046	0,559479	3,573138	1,87771	4190
1035	0,666095	0,252747	1,284572	0,459998	3,582689	2,013002	4190
1036	0,644528	0,219512	1,412547	0,661778	3,686642	1,952499	4190
1037	0,644686	0,22449	1,231747	0,609253	3,4552	2,007085	4190
1038	0,626728	0,258065	1,34138	0,712838	3,57699	1,754716	4190
1039	0,675086	0,148936	1,167602	0,680478	3,416881	2,233259	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
988	121	15910	68
989	124	15879	78
990	140	14647	81
991	85	15869	51
992	271	12474	127
993	213	12948	117
994	153	14023	64
995	183	14055	85
996	278	12885	140
997	231	12876	120
998	253	13108	132
999	241	12822	125
1000	298	12829	147
1001	258	12596	141
1002	338	12425	175
1003	210	13641	117
1004	164	13754	78
1005	234	13220	114
1006	45	14013	23
1007	62	14318	35
1008	120	13983	97
1009	123	13979	97
1010	90	13164	53
1011	37	14389	22
1012	90	13164	53
1013	176	12610	80
1014	275	12897	135
1015	242	13233	134
1016	311	12533	178
1017	304	12690	156
1018	333	12827	170
1019	281	12862	145
1020	187	14049	83
1021	158	14096	69
1022	158	14096	69
1023	154	15014	82
1024	158	14091	64
1025	97	15416	45
1026	129	15033	76
1027	129	15032	75
1028	95	15231	50
1029	222	13800	100
1030	200	13838	92
1031	223	13488	129
1032	348	12796	175
1033	259	13830	150
1034	132	13742	67
1035	199	13495	115
1036	114	14716	54
1037	100	12991	64
1038	70	14037	40
1039	105	12379	65

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
1040	3166,0025	2366,5825	3217,3723	2370,2995	1847	7	22092,5
1041	3308,3139	2079,0866	3390,9524	2052,3244	0	0	4061
1042	3307,5694	2125,9203	3314,2698	2073,8828	12005	22	92692
1043	3297,4339	2001,0149	3313,5254	2086,5205	9813	15	73096
1044	3276,3008	2014,4114	3304,5915	2012,9246	3491	4	24216
1045	3266,6225	1993,5964	3283,7457	2018,1284	2328	3	16131
1046	3253,9661	2001,7737	3256,1996	2029,2793	0	0	2011,5
1047	3250,2437	2007,7209	3276,3008	1995,0832	1166	3	8061
1048	3288,7738	2286,6261	3372,0263	2283,6747	609	7	6786
1049	3366,6076	2279,2477	3371,5337	2311,7126	21	3	4189
1050	3359,2183	2316,1396	3373,0116	2304,3342	577	4	6602
1051	3215,3435	2255,8102	3229,6294	2361,5670	150138	40	1611889
1052	3063,5632	2126,5084	3068,4894	2160,9408	854	9	12247
1053	3063,5632	2156,0219	3101,0022	2160,9408	597	7	9624
1054	3132,0372	2069,9408	3134,5003	2149,6273	51	5	4290
1055	3344,9977	1899,5898	3373,0769	1869,5843	4677	8	44939,5
1056	3363,7172	1830,2330	3366,1803	1885,3249	0	0	4041
1057	3361,2541	1867,1249	3435,1469	1905,9843	2342	6	24292
1058	3429,7281	1888,2762	3437,1174	1936,9735	0	0	4042
1059	3417,4126	1903,0330	3478,4974	1885,8168	0	0	4055
1060	3286,3500	1904,7025	3306,5474	1875,1889	3103	11	23378,5
1061	3287,3353	1896,3403	3299,2128	1971,8388	3036	4	25842
1062	3297,6310	2008,2949	3298,6162	1965,0084	4114	7	33405
1063	3243,9848	1889,9457	3282,4091	1884,5349	0	0	2036
1064	3276,0050	1884,0430	3295,7098	1893,8808	1175	4	8122
1065	3105,8407	1634,4872	3114,2153	1699,4169	1442	5	11105
1066	3072,3427	1656,6223	3112,7374	1653,6709	1383	3	13685
1067	3143,7724	1704,3358	3159,5362	1616,7790	1880	4	17825
1068	3155,1026	1621,2061	3183,1819	1620,2223	732	4	11154
1069	3167,4181	1592,6763	3167,4181	1624,1574	197	7	7415
1070	3163,9698	1600,5466	3180,7188	1585,7898	42	2	6309
1071	3104,8555	1593,1682	3172,3443	1600,0547	1862	10	27161
1072	3103,8703	1638,4223	3135,8905	1626,1250	0	0	2019
1073	3056,5789	1620,2223	3084,6581	1676,2980	2499	4	21530
1074	3001,4056	1619,7304	3060,5198	1623,1736	13271	9	128323,5
1075	3037,8594	1559,2277	3040,8151	1623,6655	8639	9	92091,5
1076	3002,8835	1671,3791	3005,7228	1610,8117	14612	12	144113
1077	3074,3132	1685,6439	3075,2984	1740,2439	655	4	7206
1078	3038,3520	1684,6601	3079,2393	1688,5953	46	3	4296
1079	3041,8003	1730,8980	3042,2929	1680,2331	575	3	8002
1080	3019,1399	1709,2547	3044,2634	1706,7953	1703	3	15889
1081	3017,1283	1792,5239	3026,4881	1763,5023	4021	5	30589
1082	3020,0840	1690,2104	3025,0102	1773,8320	2860	5	23893
1083	2940,7724	1696,1131	2941,2651	1729,5617	2357	3	14913
1084	2924,5160	1697,5887	2992,9900	1701,5239	1179	2	8143
1085	2988,0638	1698,5725	2991,0195	1730,5455	0	0	2037,5
1086	2888,5549	1704,4752	2902,8408	1692,6698	24884	16	242039
1087	2898,8998	1682,8320	2899,3925	1699,0644	23759	4	235659
1088	2896,9294	1687,7509	2968,8517	1663,1563	22643	7	225924
1089	2959,4919	1664,1401	3006,2907	1668,5671	15612	7	154949
1090	2963,9255	1638,0698	2967,3738	1668,5671	4800	4	53696,5
1091	2960,9698	1644,9563	2982,1524	1613,9671	3676	5	41956

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
1040	179	0,002516789	0,03069273	0,002408269	0,019943
1041	39	0,000462631	0,04875	0	0
1042	235	0,01055952	0,1047004	0,01565309	0,1437909
1043	170	0,008327134	0,1679012	0,01279499	0,1648352
1044	52	0,002758699	0,1015625	0,004551849	0,0727273
1045	27	0,001837652	0,135	0,003035436	0,1428571
1046	3	0,000229151	0,122449	0	0
1047	12	0,000918313	0,1983471	0,001520326	0,5
1048	136	0,000773065	0,04045211	0,000794064	0,0333333
1049	62	0,000477213	0,06706328	2,74E-05	0,0666667
1050	89	0,000752103	0,02713001	0,00075234	0,0261438
1051	1096	0,1836272	0,05372022	0,1957621	0,0290276
1052	92	0,001395185	0,08329561	0,001113515	0,1363636
1053	138	0,001096371	0,06148363	0,000778417	0,0583333
1054	94	0,000488719	0,05588585	6,65E-05	0,0641026
1055	104,5	0,005119531	0,1526662	0,006098253	0,1212121
1056	14	0,000460353	0,04142012	0	0
1057	56	0,002767357	0,1656805	0,00305369	0,2142857
1058	9	0,000460467	0,06228374	0	0
1059	9	0,000461948	0,06228374	0	0
1060	100,5	0,002663291	0,125625	0,004045944	0,1410256
1061	69	0,002943934	0,1064815	0,003958583	0,0606061
1062	82	0,003805515	0,1135734	0,005364168	0,1060606
1063	6	0,000231942	0,08333334	0	0
1064	25	0,000925263	0,09451796	0,00153206	0,1428571
1065	49,5	0,001265087	0,1262755	0,001880197	0,1111111
1066	36	0,001559002	0,1152	0,001803268	0,0833333
1067	47	0,002030633	0,08631773	0,002451297	0,0727273
1068	52	0,001270669	0,1155556	0,000954441	0,0888889
1069	69	0,000844721	0,1533333	0,000256865	0,1555556
1070	35,5	0,000718725	0,09739369	5,48E-05	0,0555556
1071	122	0,003094195	0,2382813	0,002427827	0,1818182
1072	3	0,000230006	0,0234375	0	0
1073	53	0,002452709	0,0916955	0,003258399	0,0727273
1074	121	0,01461868	0,09304114	0,01730381	0,0661765
1075	131	0,01049111	0,1238185	0,01126423	0,0857143
1076	152	0,01641743	0,1501235	0,01905231	0,1142857
1077	34	0,000820911	0,1285444	0,000854042	0,1428571
1078	25	0,000489403	0,1730104	6,00E-05	0,1428571
1079	21	0,000911592	0,1866667	0,000749732	0,2
1080	26	0,001810083	0,2311111	0,00222051	0,2
1081	40	0,003484715	0,1020408	0,005242907	0,1111111
1082	37	0,002721903	0,2049862	0,0037291	0,2380952
1083	75	0,001698897	0,03341502	0,003073248	0,0175439
1084	22	0,000927655	0,0831758	0,001537276	0,3333333
1085	2	0,000232113	0,08163265	0	0
1086	179	0,02757321	0,02151313	0,03244578	0,0205128
1087	138	0,0268464	0,04422368	0,03097891	0,017316
1088	91,5	0,02573738	0,09037037	0,02952378	0,1555556
1089	87	0,01765187	0,1342593	0,0203562	0,1060606
1090	66	0,006117133	0,1141869	0,00625863	0,0727273
1091	99	0,004779649	0,1301775	0,004793067	0,0641026

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
1040	3	0,95	0,3	3,815387	1,23126	4,526286
1041	2	0,45	0,25	3,986097	1,475846	4,553016
1042	5	1,666667	0,4545455	3,973486	1,539127	4,740771
1043	4	1,7	0,4	3,998512	1,565146	4,72622
1044	2	0,75	0,2857143	4,003463	1,485412	4,505571
1045	2	1	0,4	4,007378	1,530639	4,278965
1046	1	0,5	0,3333333	4,010604	1,5	3,309615
1047	2	1,5	0,5	4,008991	1,457542	3,719182
1048	2	0,666667	0,2222222	3,879136	1,274208	4,679267
1049	2	1	0,4	3,919076	1,371322	4,496978
1050	2	0,833333	0,3333333	3,899415	1,136952	4,574522
1051	4	0,983333	0,1904762	3,787761	1,232297	4,543465
1052	3	1,083333	0,375	3,943948	1,541596	4,397896
1053	2	0,666667	0,2857143	3,984789	1,304713	4,480389
1054	2	0,666667	0,2857143	4,029761	1,417438	4,613466
1055	3	1	0,3333333	4,151259	1,541596	4,856462
1056	2	0,583333	0,3333333	4,155175	1,538847	4,604917
1057	4	1,833333	0,6666667	4,154171	1,400501	4,383579
1058	2	0,75	0,4	4,157396	1,487469	4,140692
1059	2	0,75	0,4	4,157396	1,487469	4,140692
1060	3	1,25	0,3333333	4,153674	1,537246	4,921565
1061	2	0,833333	0,3333333	4,054725	1,384531	4,654728
1062	2	0,75	0,2857143	4,025518	1,4535	4,623941
1063	1	0,5	0,3333333	4,158806	1,457542	3,986817
1064	2	1,333333	0,4	4,157194	1,484378	4,60691
1065	3	1,833333	0,4285714	4,284205	1,55314	4,984607
1066	2	0,833333	0,3333333	4,268509	1,514247	4,909497
1067	2	0,833333	0,3333333	4,283861	1,430827	4,947368
1068	2	0,833333	0,3333333	4,291991	1,475435	4,894825
1069	3	1,083333	0,375	4,302474	1,55314	4,900514
1070	3	1,083333	0,375	4,298403	1,514247	4,768506
1071	4	1,5	0,4444444	4,287945	1,556642	4,904397
1072	1	0,333333	0,25	4,286427	1,44132	4,471896
1073	2	0,833333	0,3333333	4,250813	1,430827	4,920374
1074	3	1,166667	0,3333333	4,22782	1,44416	5,02502
1075	3	0,916667	0,3	4,234779	1,514098	4,925663
1076	3	0,916667	0,2727273	4,201108	1,498999	4,990013
1077	2	0,833333	0,3333333	4,225598	1,538847	4,708897
1078	2	1	0,4	4,230471	1,530639	4,525226
1079	2	1	0,4	4,200352	1,549161	4,364697
1080	2	1	0,4	4,179772	1,549161	4,399973
1081	2	0,833333	0,3333333	4,165553	1,475435	4,738767
1082	2	1	0,4	4,171763	1,530639	4,549575
1083	2	1	0,4	4,090863	0,9756637	4,579021
1084	2	1,5	0,5	4,092476	1,457542	3,921495
1085	1	0,5	0,3333333	4,094089	1,5	3,453182
1086	2	0,5625	0,1052632	4,090963	1,224258	4,773707
1087	2	0,833333	0,3333333	4,111674	1,012026	4,696258
1088	3	1,166667	0,4285714	4,139519	1,55314	4,7837
1089	3	1	0,375	4,169311	1,541596	4,876715
1090	3	1	0,375	4,161673	1,556642	4,839606
1091	3	0,916667	0,3333333	4,184833	1,537246	4,874628

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
1040	7,2	0,852401	1,571762	0,852401	1,571762	0,3819167
1041	4,444445	0,6766613	1,212338	0,6766613	1,212338	0,3726871
1042	7,619048	0,7406974	1,682845	0,7406974	1,682845	0,376248
1043	6,153846	0,6777187	1,569167	0,6777187	1,569167	0,372748
1044	4,210526	0,6231825	1,119194	0,6231825	1,119194	0,3695029
1045	3	0,5766999	0,8619656	0,5766999	0,8619656	0,3665542
1046	1,333333	0,5016786	0,3333333	0,5016786	0,3333333	0,3613697
1047	1,6	0,5366099	0,7039874	0,5366099	0,7039874	0,3638553
1048	5,37931	0,7655399	1,40625	0,7655399	1,40625	0,3775642
1049	3,428571	0,7019514	0,947875	0,7019514	0,947875	0,374124
1050	4,394366	0,7703612	1,218612	0,7703612	1,218612	0,3778157
1051	11,66851	0,9514284	2,134259	0,9514284	2,134259	0,3864728
1052	5,106383	0,7470188	1,298933	0,7470188	1,298933	0,3765862
1053	4,705883	0,7297074	1,2196	0,7297074	1,2196	0,3756546
1054	4,48	0,6828603	1,15614	0,6828603	1,15614	0,3730431
1055	5,106383	0,530759	1,398851	0,530759	1,398851	0,3634481
1056	3,428571	0,4966386	0,9855802	0,4966386	0,9855802	0,3609997
1057	2,526316	0,4966903	1,267175	0,4966903	1,267175	0,3610035
1058	2	0,4666401	0,8725563	0,4666401	0,8725563	0,3587337
1059	2	0,4666401	0,8725563	0,4666401	0,8725563	0,3587337
1060	5,454545	0,5523286	1,387368	0,5523286	1,387368	0,364932
1061	4,097561	0,5798191	1,06971	0,5798191	1,06971	0,3667578
1062	4,363636	0,6245695	1,136567	0,6245695	1,136567	0,3695881
1063	1,6	0,4831337	0,4223924	0,4831337	0,4223924	0,3599935
1064	3,2	0,515447	0,8870222	0,515447	0,8870222	0,3623654
1065	4,363636	0,4239657	1,206386	0,4239657	1,206386	0,3553006
1066	3,692308	0,4471749	1	0,4471749	1	0,3572003
1067	4	0,4235516	1,044581	0,4235516	1,044581	0,3552659
1068	3,870968	0,4019093	1,020788	0,4019093	1,020788	0,3534164
1069	4,363636	0,3827239	1,327025	0,3827239	1,327025	0,3517089
1070	3,692308	0,3822486	1,375	0,3822486	1,375	0,3516658
1071	4,8	0,4015709	1,566871	0,4015709	1,566871	0,3533869
1072	2,181818	0,4018585	0,6368422	0,4018585	0,6368422	0,353412
1073	4	0,4731897	1,044581	0,4731897	1,044581	0,3592381
1074	6,206897	0,5024977	1,402843	0,5024977	1,402843	0,3614295
1075	6	0,472323	1,464411	0,472323	1,464411	0,3591717
1076	5,915493	0,5351952	1,550553	0,5351952	1,550553	0,3637572
1077	3,428571	0,4713662	0,9855802	0,4713662	0,9855802	0,3590982
1078	3	0,4443633	0,8619656	0,4443633	0,8619656	0,3569744
1079	2,666667	0,4696723	0,8491229	0,4696723	0,8491229	0,3589679
1080	2,666667	0,4987414	0,8491229	0,4987414	0,8491229	0,3611544
1081	3,870968	0,5721694	1,020788	0,5721694	1,020788	0,3662568
1082	3	0,5328637	0,8619656	0,5328637	0,8619656	0,363595
1083	3,75	0,6621963	1,202793	0,6621963	1,202793	0,3718461
1084	1,6	0,6098775	0,7039874	0,6098775	0,7039874	0,3686772
1085	1,333333	0,5651537	0,3333333	0,5651537	0,3333333	0,3657926
1086	6,579439	0,72654	1,958223	0,72654	1,958223	0,3754823
1087	4,483517	0,6664518	1,30688	0,6664518	1,30688	0,372095
1088	4,363636	0,6157421	1,206386	0,6157421	1,206386	0,3690429
1089	5,106383	0,572341	1,298933	0,572341	1,298933	0,3662681
1090	4,8	0,5715866	1,305726	0,5715866	1,305726	0,3662184
1091	5,454545	0,5336684	1,387368	0,5336684	1,387368	0,3636511

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
1040	0,435846	0,42272	0,84086	51,50415	10,0339	2,555556
1041	0,4427346	0,350575	1,370428	86,86385	12,38015	2,25
1042	0,4652968	0,382541	1,462171	52,46708	11,39629	2,166667
1043	0,4735786	0,352217	1,676942	87,00654	12,36239	2,071429
1044	0,4362514	0,324273	1,37115	28,32968	13,35674	2,272727
1045	0,4308271	0,300378	1,749302	29,91695	14,3527	2,142857
1046	0,3154649	0,261511	3	27,59605	16,34948	2
1047	0,5	0,279608	3,643856	28,96009	15,35028	1,75
1048	0,4321928	0,385984	0,904277	83,30486	11,05892	2,523809
1049	0,4162897	0,357564	1,160349	32,8365	11,97014	2,4
1050	0,4206956	0,390445	0,771503	18,15554	10,99596	2,611111
1051	0,4483203	0,468418	0,821531	106,7173	9,093624	2,54717
1052	0,454309	0,382938	1,541596	34,78305	11,30831	2,166667
1053	0,4260548	0,377936	0,964353	37,76078	11,55287	2,5
1054	0,4298593	0,357663	1,167302	79,72456	12,27684	2,384615
1055	0,4674352	0,286373	1,670062	41,09464	15,50847	2,083333
1056	0,4428109	0,268215	1,731203	55,14695	16,50525	2,125
1057	0,5	0,268178	2,100752	83,48776	16,50363	1,875
1058	0,5	0,252148	2,974937	49,25475	17,50202	1,8
1059	0,5	0,252148	2,974937	63,46449	17,50202	1,8
1060	0,4588	0,298185	1,537246	35,76284	14,94189	2,153846
1061	0,4231759	0,305571	1,124932	76,42712	14,28087	2,416667
1062	0,432429	0,326785	1,2597	43,29772	13,3293	2,333333
1063	0,3413031	0,26115	1,821928	38,80336	16,93866	2,25
1064	0,422549	0,278509	1,484378	22,02409	15,93947	2,25
1065	0,4581569	0,236076	1,708454	65,46759	19,16303	2,1
1066	0,4335972	0,248088	1,514247	40,50238	18,22034	2,222222
1067	0,4251371	0,235826	1,226423	88,96453	19,18079	2,363636
1068	0,4283173	0,2242	1,352482	28,09648	20,15981	2,3
1069	0,4771213	0,214019	1,898282	31,48109	21,12026	2
1070	0,5	0,213551	2,163209	22,32246	21,14528	1,888889
1071	0,5	0,223801	2,075522	67,83919	20,17595	1,909091
1072	0,386988	0,223882	1,44132	34,30042	20,16223	2,333333
1073	0,4251371	0,261433	1,226423	62,71306	17,27361	2,363636
1074	0,4421295	0,276124	1,181585	59,21445	16,32446	2,352941
1075	0,4565256	0,25997	1,425033	64,50561	17,30347	2,2
1076	0,4657357	0,292235	1,498999	60,63385	15,38822	2,133333
1077	0,4428109	0,258881	1,731203	54,60891	17,33656	2,125
1078	0,4308271	0,244331	1,749302	41,07627	18,3293	2,142857
1079	0,4491222	0,256409	2,168826	50,66727	17,39548	2
1080	0,4491222	0,270946	2,168826	25,24364	16,43987	2
1081	0,4283173	0,309781	1,352482	30,49361	14,45843	2,3
1082	0,4308271	0,288929	1,749302	83,76662	15,45117	2,142857
1083	0,4169925	0,352098	0,629461	33,45229	12,62873	2,684211
1084	0,5	0,324405	3,643856	68,58698	13,62631	1,75
1085	0,3154649	0,300733	3	32,10931	14,6255	2
1086	0,4473929	0,386322	0,850756	18,53255	11,59887	2,5
1087	0,4215718	0,356163	0,646572	16,2399	12,55448	2,681818
1088	0,4581569	0,33129	1,708454	76,0113	13,50605	2,1
1089	0,454309	0,310153	1,541596	47,00769	14,4544	2,166667
1090	0,4633142	0,309177	1,698155	30,69164	14,47215	2,090909
1091	0,4588	0,290272	1,537246	37,53709	15,42938	2,153846

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
1040	9,699284	2,425926	1240	28	0,014594	0,119658
1041	12,14917	2,05	1240	13	0,018385	0,227273
1042	11,1611	2,074627	1240	19	0,016795	0,137255
1043	12,13628	1,933333	1240	15	0,018356	0,164835
1044	13,13294	2,09375	1240	12	0,019962	0,254546
1045	14,13055	2,05	1240	8	0,021571	0,380952
1046	16,12864	1,714286	1240	4	0,024797	1
1047	15,12912	1,727273	1240	5	0,023183	0,5
1048	10,73198	2,414634	1240	22	0,01625	0,152381
1049	11,63484	2,465116	1240	11	0,017722	0,311111
1050	10,65728	2,580247	1240	19	0,016149	0,189543
1051	8,748448	2,391089	1240	54	0,013075	0,059507
1052	10,93484	2,234043	1240	13	0,016653	0,212121
1053	11,26038	2,492537	1240	17	0,017048	0,2
1054	12,06659	2,465517	1240	14	0,018218	0,230769
1055	15,34606	1,864865	1240	13	0,023439	0,19697
1056	16,3432	1,923077	1240	9	0,025049	0,321429
1057	16,34177	1,692308	1240	9	0,025046	0,25
1058	17,34033	1,647059	1240	6	0,026659	0,4
1059	17,34033	1,647059	1240	6	0,026659	0,4
1060	14,79881	2,075	1240	14	0,022523	0,192308
1061	14,07232	2,277778	1240	13	0,021455	0,257576
1062	13,1105	2,210526	1240	13	0,019918	0,242424
1063	16,7969	2,166667	1240	5	0,025749	0,833333
1064	15,79737	2,130435	1240	9	0,024135	0,357143
1065	19,08043	2	1240	11	0,029343	0,244444
1066	18,12291	2,08	1240	10	0,02782	0,305556
1067	19,09379	2,242424	1240	12	0,029371	0,272727
1068	20,0759	2,133333	1240	11	0,030953	0,288889
1069	21,04344	1,8	1240	11	0,032504	0,222222
1070	21,06134	1,666667	1240	10	0,032545	0,222222
1071	20,08377	1,625	1240	12	0,030979	0,181818
1072	20,07995	2,125	1240	7	0,030957	0,533333
1073	17,16181	2,264706	1240	12	0,02629	0,272727
1074	16,19857	2,196079	1240	18	0,024757	0,169118
1075	17,18067	2,043478	1240	16	0,026338	0,171429
1076	15,24726	1,933333	1240	16	0,023244	0,161905
1077	17,22124	2,043478	1240	9	0,026392	0,321429
1078	18,21647	1,882353	1240	8	0,027996	0,380952
1079	17,26826	1,8	1240	7	0,026487	0,4
1080	16,30239	1,8	1240	7	0,024943	0,4
1081	14,31575	2,142857	1240	11	0,021742	0,288889
1082	15,31098	2	1240	8	0,023346	0,380952
1083	12,44201	2,537313	1240	20	0,018786	0,187135
1084	13,44057	2,391304	1240	5	0,020398	0,5
1085	14,4401	1,714286	1240	4	0,022012	1
1086	11,41527	2,310077	1240	41	0,017123	0,076923
1087	12,37947	2,518987	1240	23	0,018666	0,160173
1088	13,33986	2,266667	1240	11	0,020204	0,244444
1089	14,29857	1,916667	1240	13	0,021736	0,212121
1090	14,31241	1,852941	1240	12	0,021764	0,218182
1091	15,27828	1,897436	1240	14	0,023311	0,192308

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
1040	0,661587	0,176471	1,173157	0,636229	3,394857	2,169545	4190
1041	0,628096	0,285714	1,477844	0,824853	3,734706	1,549439	4190
1042	0,649067	0,363636	1,350079	0,594232	3,634778	1,540862	4190
1043	0,628676	0,4	1,475538	0,637281	3,742101	1,368426	4190
1044	0,60864	0,263158	1,604666	0,893501	3,838605	1,548775	4190
1045	0,589744	0,272727	1,734004	1,160139	3,93278	1,294239	4190
1046	0,554978	0	1,993308	3	4,109756	0,8102832	4190
1047	0,571886	0,4	1,863551	1,42048	4,024329	0,7948101	4190
1048	0,62319	0,179487	1,306268	0,711111	3,518842	2,058885	4190
1049	0,60357	0,176471	1,4246	1,054991	3,631712	1,760676	4190
1050	0,625548	0,121212	1,298092	0,820606	3,517462	2,244939	4190
1051	0,685278	0,203884	1,051051	0,468547	3,266531	2,202114	4190
1052	0,663124	0,333333	1,338654	0,769863	3,62607	1,44442	4190
1053	0,655132	0,172414	1,370412	0,819941	3,652324	1,979472	4190
1054	0,631472	0,217391	1,464428	0,864947	3,733155	1,743324	4190
1055	0,579361	0,380952	1,884094	0,714872	4,11233	1,353912	4190
1056	0,56277	0,307692	2,013537	1,014631	4,183947	1,293768	4190
1057	0,562816	0,461539	2,013327	0,789157	4,189721	1,271396	4190
1058	0,547054	0,428571	2,142979	1,146058	4,257798	0,8754029	4190
1059	0,547054	0,428571	2,142979	1,146058	4,257798	0,8754029	4190
1060	0,58407	0,347826	1,810516	0,720789	4,048056	1,442507	4190
1061	0,591951	0,190476	1,724676	0,934833	3,950071	1,791744	4190
1062	0,609509	0,238095	1,601103	0,879843	3,841319	1,650112	4190
1063	0,550549	0	2,069821	2,367467	4,189212	1,203369	4190
1064	0,566866	0,230769	1,940064	1,127367	4,119395	1,47219	4190
1065	0,52664	0,352941	2,358681	0,828922	4,560962	1,34342	4190
1066	0,539587	0,266667	2,236261	1	4,440557	1,437925	4190
1067	0,526177	0,210526	2,360987	0,957322	4,539691	1,686233	4190
1068	0,512946	0,235294	2,488124	0,979635	4,617217	1,568706	4190
1069	0,500801	0,411765	2,61285	0,753565	4,715319	1,229477	4190
1070	0,50018	0,466667	2,616099	0,727273	4,686624	1,121297	4190
1071	0,512536	0,473684	2,49022	0,638215	4,609037	1,170244	4190
1072	0,512885	0,111111	2,488438	1,570248	4,6037	1,440605	4190
1073	0,553323	0,210526	2,113317	0,957322	4,336121	1,686233	4190
1074	0,567868	0,258065	1,990059	0,712838	4,248763	1,754716	4190
1075	0,552503	0,333333	2,117195	0,682868	4,339841	1,52613	4190
1076	0,582848	0,37037	1,868477	0,644931	4,140899	1,470263	4190
1077	0,551595	0,307692	2,121493	1,014631	4,296067	1,293768	4190
1078	0,536674	0,272727	2,250411	1,160139	4,366	1,294239	4190
1079	0,549978	0,333333	2,129144	1,177686	4,264482	1,091162	4190
1080	0,564614	0,333333	2,005047	1,177686	4,178727	1,091162	4190
1081	0,598493	0,235294	1,747734	0,979635	4,022243	1,568706	4190
1082	0,581023	0,272727	1,876653	1,160139	4,098919	1,294239	4190
1083	0,631697	0,085714	1,510126	0,831398	3,819644	2,462734	4190
1084	0,612062	0,4	1,639673	1,42048	3,902286	0,7948101	4190
1085	0,593509	0	1,76943	3	3,982007	0,8102832	4190
1086	0,653628	0,220779	1,376387	0,510667	3,74835	2,137278	4190
1087	0,634049	0,097561	1,500484	0,765181	3,836448	2,440345	4190
1088	0,615757	0,352941	1,624057	0,828922	3,931225	1,34342	4190
1089	0,598613	0,333333	1,74721	0,769863	4,029079	1,44442	4190
1090	0,598083	0,368421	1,749516	0,765858	4,022171	1,339381	4190
1091	0,581654	0,347826	1,873823	0,720789	4,121731	1,442507	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
1040	108	12432	69
1041	40	15339	27
1042	67	14120	39
1043	45	15317	29
1044	32	16549	25
1045	20	17783	15
1046	7	20257	6
1047	11	19019	7
1048	82	13702	53
1049	43	14831	24
1050	81	13624	47
1051	202	11267	135
1052	47	14011	26
1053	67	14314	40
1054	58	15211	31
1055	37	19215	25
1056	26	20450	17
1057	26	20448	15
1058	17	21685	9
1059	17	21685	9
1060	40	18513	28
1061	36	17694	29
1062	38	16515	28
1063	12	20987	9
1064	23	19749	18
1065	28	23743	21
1066	25	22575	20
1067	33	23765	26
1068	30	24978	23
1069	30	26168	20
1070	27	26199	17
1071	32	24998	21
1072	16	24981	14
1073	34	21402	26
1074	51	20226	40
1075	46	21439	33
1076	45	19066	32
1077	23	21480	17
1078	17	22710	15
1079	15	21553	12
1080	15	20369	12
1081	28	17914	23
1082	19	19144	15
1083	67	15647	51
1084	23	16883	7
1085	7	18121	6
1086	129	14371	100
1087	79	15555	59
1088	45	16734	21
1089	36	17909	26
1090	34	17931	23
1091	39	19117	28

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
1092	2883,5534	1695,9090	2884,5386	1665,9036	5089	19	42184,5
1093	2878,6272	1673,7739	2912,6179	1652,1307	3955	4	34586
1094	2905,2286	1637,3739	2909,6622	1660,0009	2832	3	26765
1095	2902,7656	1642,7847	2928,3817	1639,8333	1717	3	18989
1096	2921,4851	1642,7847	2923,9481	1618,6820	609	7	11247
1097	2920,9924	1621,6333	3008,1859	1613,2712	219	20	9462
1098	2963,8503	1598,5144	2979,1214	1622,6171	2334	9	26370
1099	2962,8650	1605,4009	3046,6102	1578,3468	1235	9	14775,5
1100	2876,6568	1623,6009	2951,5348	1598,0225	2718	2	25240,5
1101	2945,6234	1585,2333	2948,0865	1602,9415	511	1	7734
1102	2929,9428	1570,3901	2948,0865	1590,1523	68	2	4461
1103	2885,8778	1581,3429	2903,2582	1618,6820	33	2	4354
1104	2848,0849	1606,8766	2862,3708	1693,4496	11725	15	105032
1105	2821,9761	1629,0117	2879,1199	1616,2225	5397	8	48997,5
1106	2873,2084	1615,2387	2881,5829	1623,1090	3870	7	35187
1107	2815,0794	1665,9036	2835,7694	1644,7523	493	10	10165
1108	2830,8432	1625,0766	2832,3211	1650,1631	48	7	6421,5
1109	2830,3506	1647,2117	2855,4742	1642,7847	416	5	10218,5
1110	2819,0204	1611,7955	2852,0258	1610,3198	2531	5	25557
1111	2822,4687	1593,5955	2825,9170	1616,2225	1442	4	17949
1112	2830,8432	1597,5306	2942,6677	1568,0171	862	12	11777,5
1113	2791,8850	1592,4845	2841,8128	1596,8278	2113	20	24419,5
1114	2770,8494	1645,5293	2803,3446	1581,2018	1852	15	20431,5
1115	3006,7289	1551,3167	3013,4683	1595,3171	53	1	4462
1116	2969,4029	1547,6932	3124,4094	1576,1640	7543	16	78424
1117	3111,9674	1569,4345	3111,9674	1610,3290	1552	2	21992
1118	3114,5595	1596,3524	3130,1120	1551,3167	3730	13	38935,5
1119	3111,4490	1547,1755	3168,9933	1573,0581	1147	2	12094
1120	3149,2934	1543,5519	3176,7695	1596,3524	17	2	4164
1121	2670,2767	1618,0938	2721,5999	1641,9058	11724	7	96889
1122	2629,8402	1550,2814	2683,2370	1627,4115	10558	4	89129
1123	2570,2223	1538,3754	2656,2794	1568,9169	9389	5	81028
1124	2531,4416	1681,6574	2623,9818	1672,5347	2740	14	26522
1125	2605,4148	1670,7691	2609,2461	1701,3741	1969	7	20286
1126	2449,3121	1676,6098	2476,7161	1695,6571	0	0	1358,5
1127	2408,1193	1361,0723	2587,5109	1550,0797	8226	14	68862
1128	2406,2869	1315,3300	2413,6165	1372,4164	0	0	2031
1129	2315,4197	1409,0149	2483,2512	1434,2929	2360	10	24356
1130	2286,3540	1311,6477	2355,7368	1423,9945	0	0	4073
1131	2300,4180	1481,1041	2329,4838	1370,6298	0	0	4056
1132	2444,1465	1644,5267	2470,3995	1420,7695	2355	12	16186
1133	2432,8953	1632,3558	2482,5884	1647,3354	0	0	2033,5
1134	2444,1465	1600,5243	2506,0285	1622,0574	0	0	2020,5
1135	2411,4023	1908,2266	2458,2826	1866,0966	4745	11	40645,5
1136	2229,5068	1889,5021	2397,3382	1887,6297	0	0	4113
1137	2370,1476	1710,6836	2381,3989	1902,6093	1189	2	10228
1138	2374,8357	1875,4588	2424,5288	1909,1628	3564	9	30696
1139	2365,4596	1727,5356	2397,3382	1665,7449	0	0	2052,5
1140	3026,7302	1967,6012	3049,2328	2001,3053	8816	8	97874
1141	2941,4081	1970,4099	3035,1687	1970,4099	9343	16	103942
1142	4528,6475	3735,5137	4552,3737	3831,8718	1779	11	16971
1143	4528,6475	3749,7305	4540,4252	3507,0295	988	5	15244

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
1092	191	0,00480568	0,0194898	0,006635452	0,0200846
1093	118	0,003940055	0,03980435	0,00515685	0,017316
1094	43	0,003049083	0,07020408	0,003692592	0,1428571
1095	40	0,002163237	0,1388889	0,002238764	0,1071429
1096	77	0,001281264	0,1414141	0,000794064	0,1272727
1097	178	0,001077916	0,2117787	0,00028555	0,2197802
1098	126,5	0,003004084	0,1505056	0,003043259	0,1153846
1099	113	0,001683233	0,14125	0,001610293	0,1153846
1100	49,5	0,002875411	0,1358025	0,003543949	0,0555556
1101	15	0,000881061	0,075	0,000666283	0,0476191
1102	29	0,000508199	0,1198347	8,87E-05	0,0714286
1103	35	0,00049601	0,112	4,30E-05	0,0555556
1104	338	0,0119653	0,0676	0,01528801	0,0369458
1105	156	0,00558182	0,08666667	0,007037047	0,0761905
1106	78	0,004008521	0,1139518	0,00504602	0,1060606
1107	193	0,001158002	0,08598797	0,000642814	0,0833333
1108	110	0,000731541	0,1247166	6,26E-05	0,1060606
1109	129	0,001164097	0,07166667	0,000542415	0,0549451
1110	75	0,002911467	0,04458977	0,003300123	0,0549451
1111	77	0,002044759	0,1012492	0,001880197	0,0606061
1112	108	0,001341699	0,2109375	0,001123946	0,2181818
1113	208,5	0,002781882	0,1887732	0,002755101	0,1904762
1114	188	0,002327567	0,1390533	0,002414788	0,1102941
1115	43	0,000508313	0,06635802	6,91E-05	0,0181818
1116	169	0,008934103	0,19161	0,009835176	0,1758242
1117	41	0,00250534	0,0632716	0,002023624	0,030303
1118	151,5	0,004435552	0,2337963	0,004863477	0,1969697
1119	38	0,001377755	0,09693877	0,001495552	0,0555556
1120	24	0,000474365	0,0768	2,22E-05	0,0714286
1121	65,5	0,01103764	0,081875	0,0152867	0,1060606
1122	61	0,01015362	0,09413581	0,01376638	0,0727273
1123	63	0,009230752	0,1157025	0,01224214	0,0757576
1124	150	0,0030214	0,0446163	0,003572635	0,0466667
1125	105	0,002310992	0,08073818	0,002567342	0,0769231
1126	14	0,000154761	0,01215278	0	0
1127	76	0,007844795	0,2248521	0,01072573	0,3111111
1128	5	0,000231373	0,01890359	0	0
1129	48	0,002774648	0,1814745	0,00307716	0,2777778
1130	9	0,000463998	0,04081633	0	0
1131	9	0,000462062	0,04081633	0	0
1132	38	0,001843918	0,1436673	0,00307064	0,3333333
1133	7,5	0,000231657	0,03401361	0	0
1134	7,5	0,000230176	0,03401361	0	0
1135	224	0,004630357	0,04142012	0,006186916	0,031339
1136	17	0,000468555	0,07024793	0	0
1137	29	0,001165179	0,1198347	0,001550315	0,1333333
1138	137	0,003496904	0,1189236	0,004647033	0,1636364
1139	2,5	0,000233822	0,03472222	0	0
1140	324	0,01114986	0,03353864	0,01149502	0,0126984
1141	310	0,01184113	0,02614269	0,01218216	0,0344086
1142	137	0,001933345	0,03459159	0,002319605	0,052381
1143	115	0,001736604	0,07079101	0,001288235	0,0416667

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
1092	3	0,8125	0,1428571	4,095607	1,274682	4,894687
1093	2	0,833333	0,3333333	4,110662	1,012026	4,696335
1094	2	1	0,4	4,128393	1,530639	4,527245
1095	2	1	0,4	4,158298	1,484378	4,606852
1096	2	0,75	0,2857143	4,187954	1,485412	4,774545
1097	4	1,5	0,4	4,218079	1,565146	4,955769
1098	3	0,916667	0,3333333	4,206275	1,537246	4,924187
1099	3	1,166667	0,375	4,228691	1,516497	4,905685
1100	3	1,5	0,4285714	4,161473	1,563269	4,750083
1101	2	0,833333	0,3333333	4,173939	1,530639	4,53932
1102	2	0,833333	0,3333333	4,213907	1,538847	4,594529
1103	2	0,666667	0,2857143	4,191291	1,514247	4,682605
1104	4	1,416667	0,3333333	4,12198	1,319656	4,996512
1105	3	1,083333	0,3333333	4,137201	1,498999	4,935967
1106	2	0,666667	0,2857143	4,146837	1,4535	4,795668
1107	4	1,25	0,4	4,149634	1,537546	5,000444
1108	3	0,916667	0,375	4,161267	1,541596	4,915724
1109	3	0,833333	0,3333333	4,140716	1,521478	4,923196
1110	2	0,75	0,2857143	4,134094	1,379765	4,802774
1111	2	0,833333	0,3333333	4,161237	1,384531	4,801609
1112	3	1,333333	0,375	4,209992	1,556642	4,837668
1113	3	1,166667	0,3333333	4,203707	1,498999	4,950448
1114	3	0,833333	0,3	4,195442	1,479115	5,033487
1115	2	0,583333	0,2857143	4,232939	1,485412	4,682296
1116	4	1,666667	0,4444444	4,240869	1,54578	4,814526
1117	2	0,5	0,25	4,267471	1,475846	4,837058
1118	3	1	0,3	4,267632	1,49121	4,875404
1119	2	0,833333	0,3333333	4,272075	1,514247	4,670354
1120	2	0,833333	0,3333333	4,291566	1,538847	4,658514
1121	3	1,083333	0,375	4,250515	1,541596	5,040107
1122	2	0,833333	0,3333333	4,259992	1,430827	4,900565
1123	2	0,75	0,2857143	4,266444	1,4535	4,797515
1124	3	1,1	0,2307692	4,327259	1,389272	4,915739
1125	2	0,833333	0,3333333	4,354078	1,29415	4,717917
1126	1	0,333333	0,25	4,318645	1,019738	4,376837
1127	4	2	0,4	4,269589	1,362243	4,365601
1128	1	0,25	0,2	4,272206	1,353282	4,00161
1129	4	1,5	0,4444444	4,2725	1,389735	4,014671
1130	2	0,75	0,4	4,275726	1,484378	3,831228
1131	2	0,75	0,4	4,275726	1,484378	3,831228
1132	4	2,5	0,4444444	4,2725	1,389735	4,014671
1133	1	0,25	0,2	4,275117	1,400501	3,718171
1134	1	0,25	0,2	4,275117	1,400501	3,718171
1135	3	0,733333	0,2727273	4,2892	1,282334	4,833868
1136	2	0,666667	0,4	4,299106	1,549161	4,390996
1137	3	1,833333	0,6	4,298497	1,44132	4,232163
1138	3	1,166667	0,4285714	4,296276	1,526264	4,72139
1139	1	0,333333	0,25	4,300719	1,457542	3,852892
1140	2	0,5	0,2222222	4,034381	0,9574218	4,454666
1141	4	1,208333	0,2857143	4,030961	1,356626	4,512326
1142	3	0,958333	0,25	4,505594	1,439723	6,056852
1143	2	0,666667	0,2857143	4,534689	1,304713	5,82997

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
1092	9,220339	0,7263188	2,07128	0,7263188	2,07128	0,3754702
1093	4,483517	0,6658936	1,30688	0,6658936	1,30688	0,3720624
1094	3	0,6150673	0,8619656	0,6150673	0,8619656	0,3690009
1095	3,2	0,5716209	0,8870222	0,5716209	0,8870222	0,3662207
1096	4,210526	0,5341763	1,119194	0,5341763	1,119194	0,3636864
1097	6,153846	0,5017577	1,569167	0,5017577	1,569167	0,3613755
1098	5,454545	0,5004156	1,387368	0,5004156	1,387368	0,3612772
1099	5,333333	0,4716458	1,300658	0,4716458	1,300658	0,3591197
1100	4	0,531084	1,222222	0,531084	1,222222	0,3634709
1101	3	0,4978826	0,9851035	0,4978826	0,9851035	0,3610913
1102	3,428571	0,4719258	0,9855802	0,4719258	0,9855802	0,3591412
1103	3,692308	0,5002057	1,1	0,5002057	1,1	0,3612618
1104	8,920354	0,6659866	1,708166	0,6659866	1,708166	0,3720678
1105	5,915493	0,6141962	1,387337	0,6141962	1,387337	0,3689467
1106	4,363636	0,5692336	1,136567	0,5692336	1,136567	0,3660631
1107	6,746988	0,6161795	1,540548	0,6161795	1,540548	0,36907
1108	5,106383	0,5710734	1,298933	0,5710734	1,298933	0,3661846
1109	5,714286	0,6147503	1,384559	0,6147503	1,384559	0,3689812
1110	4,571429	0,6139986	1,176875	0,6139986	1,176875	0,3689345
1111	4,097561	0,5710393	1,06971	0,5710393	1,06971	0,3661823
1112	4,8	0,5025507	1,305726	0,5025507	1,305726	0,3614334
1113	5,915493	0,5372747	1,387337	0,5372747	1,387337	0,3639014
1114	6,4	0,5768743	1,466608	0,5768743	1,466608	0,3665656
1115	4,210526	0,4448605	1,119194	0,4448605	1,119194	0,3570144
1116	6	0,4454629	1,471094	0,4454629	1,471094	0,3570629
1117	4,444445	0,4222956	1,212338	0,4222956	1,212338	0,3551607
1118	4,8	0,4223517	1,515422	0,4223517	1,515422	0,3551654
1119	3,692308	0,4004585	1	0,4004585	1	0,3532896
1120	3,428571	0,3817133	0,9855802	0,3817133	0,9855802	0,3516171
1121	5,106383	0,5428691	1,298933	0,5428691	1,298933	0,364287
1122	4	0,5076309	1,044581	0,5076309	1,044581	0,3618028
1123	4,363636	0,4766411	1,136567	0,4766411	1,136567	0,3595017
1124	7,672131	0,600587	1,679492	0,600587	1,679492	0,3680921
1125	4,235294	0,5708001	1,120834	0,5708001	1,120834	0,3661666
1126	2,5	0,5510526	0,9459329	0,5510526	0,9459329	0,3648455
1127	2,758621	0,4491749	1,89575	0,4491749	1,89575	0,3573602
1128	2,608696	0,4244372	0,8461539	0,4244372	0,8461539	0,35534
1129	2,666667	0,4245694	1,833333	0,4245694	1,833333	0,355351
1130	3,2	0,4024178	0,8870222	0,4024178	0,8870222	0,3534608
1131	3,2	0,4024178	0,8870222	0,4024178	0,8870222	0,3534608
1132	2,666667	0,4245694	1,833333	0,4245694	1,833333	0,355351
1133	2,526316	0,4024008	0,8063838	0,4024008	0,8063838	0,3534593
1134	2,526316	0,4024008	0,8063838	0,4024008	0,8063838	0,3534593
1135	7,47644	0,6398581	1,610097	0,6398581	1,610097	0,3705182
1136	2,666667	0,5489916	0,8491229	0,5489916	0,8491229	0,3647055
1137	2,181818	0,5490232	1,018947	0,5490232	1,018947	0,3647076
1138	4,615385	0,5910255	1,205285	0,5910255	1,205285	0,3674825
1139	1,6	0,512512	0,5279905	0,512512	0,5279905	0,3621549
1140	5,694915	0,774803	1,627682	0,774803	1,627682	0,3780463
1141	9,6	0,7974027	1,801778	0,7974027	1,801778	0,3792039
1142	7,164179	0,6047363	1,607143	0,6047363	1,607143	0,3683543
1143	4,705883	0,5704247	1,2196	0,5704247	1,2196	0,3661418

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
1092	0,4505093	0,386643	0,896261	30,02158	11,6021	2,477273
1093	0,4215718	0,355777	0,646572	40,29638	12,56417	2,681818
1094	0,4308271	0,330037	1,749302	23,0573	13,51977	2,142857
1095	0,422549	0,308945	1,484378	25,78563	14,47135	2,25
1096	0,4362514	0,290765	1,37115	24,22824	15,41566	2,272727
1097	0,4735786	0,275083	1,676942	87,59357	16,34705	2,071429
1098	0,4588	0,273579	1,537246	28,53332	16,38822	2,153846
1099	0,4481203	0,259224	1,415397	88,0067	17,32688	2,230769
1100	0,4731973	0,287254	1,954086	79,1263	15,4996	2
1101	0,4603911	0,270102	2,040852	17,8786	16,46651	2
1102	0,4428109	0,258471	1,731203	26,82788	17,31719	2,125
1103	0,451545	0,27249	1,682496	41,18601	16,39467	2,111111
1104	0,4429709	0,356807	0,942612	87,74378	12,56255	2,482759
1105	0,4481426	0,330273	1,332444	58,55745	13,53753	2,266667
1106	0,432429	0,306807	1,2597	11,49232	14,52785	2,333333
1107	0,4598584	0,332335	1,452127	29,58808	13,49718	2,1875
1108	0,454309	0,308869	1,541596	25,12999	14,48426	2,166667
1109	0,4526573	0,330852	1,426385	25,5106	13,52623	2,214286
1110	0,4281006	0,329919	1,089288	33,03844	13,54157	2,428571
1111	0,4231759	0,308849	1,124932	22,88828	14,48507	2,416667
1112	0,4633142	0,274989	1,698155	115,6536	16,32284	2,090909
1113	0,4481426	0,293552	1,332444	50,11633	15,33253	2,266667
1114	0,4484876	0,314569	1,267812	72,06919	14,34867	2,294118
1115	0,4362514	0,244747	1,37115	44,51353	18,30993	2,272727
1116	0,462555	0,245538	1,54578	157,5995	18,28652	2,142857
1117	0,4427346	0,234227	1,370428	40,8945	19,23487	2,25
1118	0,482492	0,234267	1,762339	47,6455	19,23244	2
1119	0,4335972	0,222355	1,514247	63,09713	20,22922	2,222222
1120	0,4428109	0,212913	1,731203	59,52164	21,17353	2,125
1121	0,454309	0,299911	1,541596	56,57811	15,18483	2,166667
1122	0,4251371	0,281068	1,226423	93,80982	16,16949	2,363636
1123	0,432429	0,264308	1,2597	91,31596	17,15577	2,333333
1124	0,4469399	0,33779	1,062384	92,98878	13,82163	2,4
1125	0,42124	0,323026	0,970613	30,84393	14,49072	2,5
1126	0,4019529	0,309312	0,679825	33,37332	14,97417	2,692308
1127	0,564575	0,24926	2,497446	260,5861	18,14366	1,7
1128	0,4053572	0,235677	1,127735	57,55505	19,14286	2,444444
1129	0,5802792	0,235766	2,779471	169,7244	19,13721	1,666667
1130	0,422549	0,223633	1,484378	132,0446	20,13559	2,25
1131	0,422549	0,223633	1,484378	114,2339	20,13559	2,25
1132	0,5802792	0,235766	2,779471	225,2921	19,13721	1,666667
1133	0,4057538	0,223592	1,260451	51,90175	20,1364	2,375
1134	0,4057538	0,223592	1,260451	65,52142	20,1364	2,375
1135	0,4386742	0,356714	0,897634	63,02937	13,03471	2,518518
1136	0,4491222	0,306761	2,168826	167,8419	15,02663	2
1137	0,5	0,306735	2,52231	192,2552	15,02583	1,833333
1138	0,4488558	0,330032	1,526264	60,04472	14,02906	2,181818
1139	0,3962406	0,286484	2,429237	69,5294	16,02502	2
1140	0,4307284	0,406289	0,580731	40,52561	10,93866	2,722222
1141	0,4467427	0,417786	0,986637	93,76057	10,65698	2,451613
1142	0,4495121	0,354142	1,173107	99,23613	13,73366	2,333333
1143	0,4260548	0,336204	0,964353	242,9866	14,4996	2,5

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
1092	11,41838	2,278571	1240	45	0,017128	0,06871
1093	12,38831	2,506494	1240	23	0,018682	0,160173
1094	13,35298	2,457143	1240	8	0,020226	0,380952
1095	14,31336	2,166667	1240	9	0,021763	0,357143
1096	15,26826	2,121212	1240	12	0,023289	0,254546
1097	16,21384	1,829268	1240	15	0,024793	0,164835
1098	16,24511	1,97561	1240	14	0,02486	0,192308
1099	17,19833	2,025	1240	14	0,026376	0,205128
1100	15,33723	1,925926	1240	10	0,023424	0,25
1101	16,31074	1,85	1240	8	0,024986	0,333333
1102	17,18783	1,909091	1240	9	0,026361	0,321429
1103	16,25155	1,92	1240	10	0,02487	0,277778
1104	12,38592	2,31	1240	30	0,018679	0,105911
1105	13,36611	2,283333	1240	16	0,020254	0,180952
1106	14,35871	2,216216	1240	13	0,021854	0,242424
1107	13,3327	2,164179	1240	17	0,020189	0,158333
1108	14,32243	2	1240	13	0,021784	0,212121
1109	13,35632	2,216667	1240	15	0,020236	0,186813
1110	13,36993	2,465517	1240	15	0,020261	0,21978
1111	14,32578	2,333333	1240	13	0,021785	0,257576
1112	16,19236	1,96875	1240	12	0,024754	0,218182
1113	15,19976	2,170213	1240	16	0,023154	0,180952
1114	14,21241	2,057692	1240	18	0,021565	0,161765
1115	18,18449	2,138889	1240	12	0,027964	0,254546
1116	18,16683	1,952381	1240	15	0,027927	0,175824
1117	19,12769	2	1240	13	0,029459	0,227273
1118	19,12578	1,777778	1240	13	0,029455	0,181818
1119	20,12315	2,035714	1240	10	0,031065	0,305556
1120	21,0821	1,96	1240	9	0,032591	0,321429
1121	15,07733	2,05	1240	13	0,022916	0,212121
1122	16,06635	2,25	1240	12	0,024506	0,272727
1123	17,05632	2,090909	1240	13	0,0261	0,242424
1124	13,3401	2,195122	1240	26	0,020713	0,116667
1125	14,08019	2,411765	1240	15	0,021794	0,230769
1126	14,45967	2,541667	1240	14	0,022575	0,282051
1127	18,04725	1,384615	1240	11	0,027696	0,155556
1128	19,04678	2,086957	1240	10	0,02931	0,361111
1129	19,04201	1,217391	1240	10	0,029301	0,166667
1130	20,04057	1,761905	1240	9	0,030914	0,357143
1131	20,04057	1,761905	1240	9	0,030914	0,357143
1132	19,04248	1,304348	1240	10	0,029301	0,166667
1133	20,04201	2,047619	1240	9	0,030915	0,392857
1134	20,04201	2,047619	1240	9	0,030915	0,392857
1135	12,50764	2,365385	1240	28	0,019442	0,116809
1136	14,50143	2	1240	7	0,02266	0,4
1137	14,50095	1,909091	1240	7	0,022659	0,333333
1138	13,50334	2,25	1240	12	0,021049	0,236364
1139	15,50048	1,833333	1240	5	0,024273	0,666667
1140	10,64559	2,532374	1240	37	0,016056	0,098413
1141	10,28687	2,48052	1240	32	0,015601	0,096774
1142	12,67661	2,314607	1240	22	0,020571	0,133333
1143	13,40573	2,368421	1240	17	0,021809	0,2

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
1092	0,653523	0,235294	1,376806	0,482793	3,754957	2,08585	4190
1093	0,633742	0,097561	1,501741	0,765181	3,834495	2,440345	4190
1094	0,615335	0,272727	1,625838	1,160139	3,92454	1,294239	4190
1095	0,598108	0,230769	1,749411	1,127367	4,013393	1,47219	4190
1096	0,582052	0,263158	1,872041	0,893501	4,114465	1,548775	4190
1097	0,567231	0,4	1,992994	0,637281	4,229532	1,368426	4190
1098	0,56607	0,347826	1,998339	0,720789	4,218422	1,442507	4190
1099	0,551861	0,304348	2,120235	0,768842	4,321756	1,542594	4190
1100	0,579619	0,4	1,882941	0,818182	4,104345	1,209071	4190
1101	0,563863	0,363636	2,008506	1,015122	4,182808	1,140318	4190
1102	0,552127	0,307692	2,118977	1,014631	4,27913	1,293768	4190
1103	0,565888	0,333333	1,999177	0,909091	4,193776	1,32436	4190
1104	0,633794	0,218182	1,501532	0,585423	3,851322	2,046669	4190
1105	0,61479	0,296296	1,628144	0,720806	3,937657	1,608219	4190
1106	0,596422	0,238095	1,756748	0,879843	4,016876	1,650112	4190
1107	0,616029	0,344828	1,622904	0,64912	3,945345	1,529083	4190
1108	0,597722	0,333333	1,751088	0,769863	4,025078	1,44442	4190
1109	0,615137	0,32	1,626677	0,722252	3,936991	1,527657	4190
1110	0,614665	0,2	1,628668	0,849708	3,932884	1,828847	4190
1111	0,597698	0,190476	1,751193	0,934833	4,021697	1,791744	4190
1112	0,567914	0,368421	1,989849	0,765858	4,209703	1,339381	4190
1113	0,584462	0,296296	1,861245	0,720806	4,133132	1,608219	4190
1114	0,601767	0,290323	1,73348	0,681845	4,047288	1,664782	4190
1115	0,537192	0,263158	2,247895	0,893501	4,405515	1,548775	4190
1116	0,537818	0,36	2,244856	0,679766	4,424319	1,467424	4190
1117	0,524768	0,285714	2,36801	0,824853	4,502525	1,549439	4190
1118	0,524831	0,428571	2,367695	0,659882	4,509139	1,307219	4190
1119	0,511182	0,266667	2,497138	1	4,561522	1,437925	4190
1120	0,499479	0,307692	2,619767	1,014631	4,655975	1,293768	4190
1121	0,588745	0,333333	1,842065	0,769863	4,154314	1,44442	4190
1122	0,572238	0,210526	1,969935	0,957322	4,228349	1,686233	4190
1123	0,556557	0,238095	2,098015	0,879843	4,306789	1,650112	4190
1124	0,638445	0,255319	1,665038	0,595418	4,024753	1,878421	4190
1125	0,629708	0,16	1,751927	0,892193	4,07523	1,972416	4190
1126	0,616438	0,043478	1,814709	1,057157	4,085557	2,330933	4190
1127	0,541637	0,588235	2,226304	0,527496	4,388798	1,06976	4190
1128	0,527166	0,133333	2,356061	1,181818	4,440884	1,736769	4190
1129	0,527313	0,6	2,355327	0,545455	4,456673	0,9906242	4190
1130	0,513562	0,230769	2,484979	1,127367	4,510425	1,47219	4190
1131	0,513562	0,230769	2,484979	1,127367	4,510425	1,47219	4190
1132	0,527313	0,6	2,355327	0,545455	4,456673	0,9906242	4190
1133	0,513541	0,153846	2,485084	1,240104	4,508404	1,602149	4190
1134	0,513541	0,153846	2,485084	1,240104	4,508404	1,602149	4190
1135	0,651082	0,196078	1,562847	0,621081	3,944649	2,089525	4190
1136	0,614998	0,333333	1,821522	1,177686	4,068026	1,091162	4190
1137	0,61502	0,444444	1,821417	0,981405	4,070903	1,082569	4190
1138	0,632596	0,31579	1,691975	0,829679	4,00596	1,466868	4190
1139	0,598282	0,2	1,951174	1,893973	4,131651	0,9677621	4190
1140	0,675204	0,101449	1,290651	0,614371	3,643238	2,56113	4190
1141	0,684409	0,237288	1,254071	0,555007	3,604028	1,985757	4190
1142	0,630818	0,282051	1,653613	0,622222	4,179324	1,7564	4190
1143	0,619327	0,172414	1,75308	0,819941	4,23641	1,979472	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
1092	140	14375	109
1093	77	15567	59
1094	35	16751	15
1095	24	17930	18
1096	33	19100	25
1097	41	20254	29
1098	41	20305	28
1099	40	21468	29
1100	27	19204	18
1101	20	20402	14
1102	22	21456	17
1103	25	20313	19
1104	100	15565	72
1105	60	16773	34
1106	37	18000	28
1107	67	16723	35
1108	42	17946	26
1109	60	16759	31
1110	58	16778	34
1111	39	17947	29
1112	32	20224	23
1113	47	18997	34
1114	52	17778	39
1115	36	22686	25
1116	42	22657	30
1117	36	23832	27
1118	36	23829	24
1119	28	25064	20
1120	25	26234	17
1121	40	18814	26
1122	36	20034	26
1123	33	21256	28
1124	82	17125	60
1125	51	17954	35
1126	48	18553	35
1127	26	22480	17
1128	23	23718	22
1129	23	23711	15
1130	21	24948	18
1131	21	24948	18
1132	23	23711	15
1133	21	24949	19
1134	21	24949	19
1135	104	16150	68
1136	22	18618	12
1137	22	18617	11
1138	48	17382	24
1139	12	19855	8
1140	139	13553	98
1141	154	13204	76
1142	89	17016	49
1143	57	17965	40

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
1144	4616,9827	3808,0841	4662,8637	3416,9603	5039	17	65767
1145	4520,8837	3400,0090	4543,5771	3543,5424	856	8	14979,5
1146	4518,3622	3410,0815	4649,4798	3551,7263	4230	11	63098
1147	4520,9038	3431,7896	4536,6631	3297,0697	5159	10	72277
1148	4527,8379	3331,6940	4681,0186	3307,7717	0	0	4048
1149	4524,6860	3211,4533	4537,2935	3351,2095	5188	14	72209
1150	4184,3143	3208,6030	4563,2922	3235,3850	10090	29	109175
1151	4529,0321	3025,6404	4539,7112	3239,7217	3540	10	33947,5
1152	4410,5948	3072,2516	4536,5621	3062,0304	1411	4	15359
1153	4345,2493	3050,2368	4428,7026	3073,8241	1655	3	16462
1154	4212,1964	3062,0304	4357,8460	3051,8093	2383	6	21047
1155	4155,5111	3102,1289	4228,7296	3057,3130	3533	12	26357,5
1156	4518,7374	3066,3090	4551,0165	2956,2348	2364	6	18267
1157	4534,4833	2864,2442	4551,8038	2979,0359	1182	3	8121
1158	4535,2706	2879,1829	4554,1657	2844,5881	0	0	2029,5
1159	3038,1050	2267,5772	3078,4247	2219,5179	0	0	1441,5
1160	3010,4967	2318,5430	3090,9197	2310,4029	5456	14	76246
1161	3088,7461	2364,1275	3106,1349	2360,8715	0	0	2051,5
1162	3103,4272	2357,3196	3115,9254	2441,4339	4719	36	48598
1163	3120,8159	2508,1827	3128,4235	2387,1666	1640	16	23838
1164	3143,1392	2483,5045	3146,6139	2453,0747	8301	12	114908,5
1165	3120,6873	2479,2337	3146,0793	2479,5006	291	1	7508
1166	3109,1994	2412,4908	3180,9442	2412,9653	4314	23	53014
1167	3172,8670	2387,8169	3177,6183	2476,5480	6042	28	65450
1168	3171,9168	2421,5062	3227,9823	2434,3177	0	0	3814
1169	3209,9273	2385,4444	3250,7886	2384,4954	0	0	1877,5
1170	3103,0227	2372,1585	3145,3094	2372,1585	0	0	2032,5
1171	3018,7928	2363,7389	3034,5068	2373,3421	252	4	8639
1172	3258,3710	2431,6894	3281,7621	2441,2729	1194	3	5422
1173	3260,1703	2411,3244	3260,7701	2434,6842	0	0	2055
1174	2890,4739	2500,7542	2980,4394	2523,5150	410	10	8653
1175	3064,3041	2507,5657	3120,6515	2559,4186	907	8	13976
1176	3084,5832	2507,4660	3174,6905	2491,9185	2369	19	25721
1177	3163,3681	2491,4474	3200,6376	2502,2835	0	0	2042
1178	3086,4703	2623,3655	3095,4504	2483,3609	917	10	17217
1179	3165,7817	2587,1337	3168,6122	2645,5546	0	0	1167
1180	3235,1312	2583,3646	3243,6230	2533,8953	0	0	1162
1181	3262,4937	2574,4130	3281,8360	2578,1821	1200	3	7277
1182	3278,5337	2579,1244	3281,8360	2566,8748	0	0	2060
1183	3249,6392	2784,0083	3269,8532	2856,3058	0	0	885
1184	3160,0055	2515,4294	3229,0977	2538,6505	1201	5	7628
1185	3167,3134	2514,7659	3174,6212	2563,1986	0	0	2059
1186	3113,5012	2555,2370	3139,4108	2494,8621	10	4	4191
1187	3777,1308	3634,9651	3794,0535	3622,6924	34	1	1002
1188	3781,9659	3649,4509	3801,3060	3648,6461	38	1	996
1189	4115,1624	4202,7761	4463,7021	4149,3713	693	16	10505
1190	4412,9919	4251,3683	4436,8443	4353,7964	90	0	2938,5
1191	2761,1585	2437,1585	2776,2114	2257,5563	6	0	4427
1192	2747,8409	2209,4344	2815,3317	2144,1417	25135	81	257566
1193	2746,6224	2158,5714	2815,3427	2212,1114	1321	27	12219
1194	2676,9515	2192,8900	2771,9094	2200,8988	31122	90	314535
1195	2746,4560	2180,5550	2759,5064	2129,8195	0	0	2054

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
1144	334	0,007492211	0,05727023	0,006570258	0,0484331
1145	112,5	0,001706472	0,1063327	0,001116122	0,1212121
1146	191	0,007188157	0,0904142	0,005515418	0,0916667
1147	153	0,008233833	0,1511111	0,006726724	0,1282051
1148	32	0,00046115	0,05536332	0	0
1149	216	0,008226086	0,1728	0,006764536	0,1333333
1150	358	0,01243727	0,1694674	0,01315616	0,1526316
1151	149,5	0,003867317	0,1413043	0,004615739	0,0952381
1152	57	0,001749705	0,1046832	0,001839776	0,0727273
1153	49	0,00187536	0,1088889	0,002157924	0,0833333
1154	84	0,002397685	0,1104537	0,003107149	0,1090909
1155	119,5	0,00300266	0,05486685	0,004606612	0,1
1156	52,5	0,002080986	0,1166667	0,003082375	0,1333333
1157	21	0,000925149	0,1296296	0,001541188	0,2
1158	4,5	0,000231202	0,0625	0	0
1159	21,5	0,000164216	0,001989912	0	0
1160	583	0,008685984	0,02024306	0,007113976	0,012951
1161	38	0,000233708	0,0155102	0	0
1162	595	0,005536309	0,05432798	0,006153016	0,0571429
1163	297	0,002715637	0,078478	0,002138365	0,0632411
1164	231	0,01309044	0,05965909	0,01082352	0,0571429
1165	61	0,000855315	0,03755002	0,00037943	0,0095238
1166	485,5	0,006039382	0,08172712	0,005624944	0,0655271
1167	403	0,007456098	0,1115571	0,00787805	0,1106719
1168	33	0,000434493	0,03119093	0	0
1169	11,5	0,000213886	0,01086957	0	0
1170	26,5	0,000231544	0,01081633	0	0
1171	193	0,000984159	0,01546227	0,000328578	0,010582
1172	25	0,000617677	0,01849112	0,001556834	0,032967
1173	7,5	0,000234107	0,04629629	0	0
1174	578	0,000985754	0,01310524	0,000534591	0,0056497
1175	276	0,001592153	0,02589604	0,00118262	0,0183908
1176	380	0,00293015	0,06280991	0,003088895	0,0750988
1177	20	0,000232626	0,0147929	0	0
1178	257	0,00196137	0,03955063	0,001195659	0,0333333
1179	3,5	0,000132945	0,006835938	0	0
1180	3,5	0,000132376	0,01446281	0	0
1181	17	0,000829	0,09418283	0,001564658	0,2
1182	3,5	0,000234676	0,07	0	0
1183	22,5	0,00010082	0,005681101	0	0
1184	23	0,000868986	0,05469679	0,001565961	0,1111111
1185	7	0,000234562	0,04320988	0	0
1186	113	0,000477441	0,04746902	1,30E-05	0,0380952
1187	28	0,000114148	0,01993592	4,43E-05	0,0128205
1188	38	0,000113465	0,02705589	4,95E-05	0,0128205
1189	436,5	0,001196735	0,01342561	0,00090359	0,011181
1190	156	0,000334755	0,01315568	0,000117349	0
1191	75	0,000504326	0,005251917	7,82E-06	0
1192	1742	0,02934205	0,06821208	0,03277306	0,0688776
1193	566	0,001391995	0,04367115	0,001722427	0,0481283
1194	1776,5	0,03583199	0,07758319	0,04057939	0,0678733
1195	31,5	0,000233993	0,0112	0	0

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
1144	3	1	0,25	4,523864	1,322989	5,92623
1145	3	1,083333	0,375	4,514807	1,541596	6,195312
1146	3	0,916667	0,3333333	4,495576	1,47264	6,182591
1147	4	1,5	0,5	4,479741	1,516497	6,52143
1148	2	0,583333	0,3333333	4,489279	1,475435	6,617939
1149	3	1	0,3333333	4,510938	1,498999	7,452862
1150	4	1,25	0,3333333	4,516062	1,507883	8,401223
1151	3	0,916667	0,3333333	4,524379	1,498999	7,993102
1152	3	1,166667	0,4285714	4,484206	1,526264	7,49849
1153	2	0,833333	0,3333333	4,441234	1,514247	7,141464
1154	2	0,833333	0,3333333	4,41486	1,430827	7,276829
1155	3	1	0,3333333	4,404701	1,47264	7,875776
1156	3	1,166667	0,4285714	4,530136	1,55314	7,484831
1157	2	1,333333	0,4	4,532967	1,549161	6,556725
1158	1	0,5	0,3333333	4,534579	1,457542	5,319848
1159	1	0,142857	0,125	3,855902	1,036253	4,069993
1160	4	0,650433	0,1818182	3,903982	1,308228	4,595071
1161	1	0,2	0,1666667	3,952069	1,211143	4,409268
1162	5	2,708333	0,3333333	3,949158	1,332266	4,973396
1163	4	1,283333	0,3076923	3,942533	1,475016	5,109104
1164	3	1	0,3	3,933981	1,380175	5,398242
1165	2	0,583333	0,2857143	3,95092	1,341917	5,234792
1166	3	0,7	0,2142857	3,947043	1,375766	5,132419
1167	4	1,416667	0,3636364	3,942507	1,409944	5,054647
1168	2	0,583333	0,3333333	3,943114	1,338623	4,52951
1169	1	0,25	0,2	3,873117	1,302696	4,163185
1170	1	0,2	0,1666667	3,952069	1,211143	4,409268
1171	2	0,233766	0,1428571	3,960817	1,288495	4,384716
1172	2	1,333333	0,4	3,950793	1,165146	4,878749
1173	1	0,5	0,3333333	3,952406	1,457542	4,030012
1174	2	0,219298	0,08333334	4,032401	1,128784	4,384871
1175	4	1,083333	0,3333333	4,03629	1,298832	4,93493
1176	5	2,166667	0,3846154	3,982783	1,505803	4,873494
1177	1	0,2	0,1666667	3,985694	1,288753	4,347091
1178	4	0,95	0,3333333	4,077796	1,406021	4,932098
1179	1	0,25	0,2	4,004327	1,302696	4,52054
1180	1	0,25	0,2	3,942009	1,436278	4,630042
1181	2	1,333333	0,4	4,015964	1,549161	5,405633
1182	1	0,5	0,3333333	4,017577	1,457542	4,370137
1183	1	0,111111	0,1	4,062989	1,191854	6,278025
1184	3	1,583333	0,4285714	3,945368	1,55314	5,220703
1185	1	0,333333	0,25	3,947589	1,44132	4,522958
1186	2	0,45	0,25	4,044541	1,399397	4,715429
1187	2	0,4	0,25	4,515097	1,455443	5,988069
1188	2	0,4	0,25	4,515097	1,455443	5,988069
1189	3	0,558824	0,1304348	4,424525	1,213235	5,941047
1190	3	0,476191	0,2727273	4,417217	1,282334	5,509968
1191	3	0,592857	0,25	4,085762	1,225062	4,536386
1192	6	1,727778	0,2608696	4,055277	1,373144	4,577219
1193	4	1,642857	0,25	4,104583	1,360893	4,607183
1194	5	1,144444	0,2173913	4,134063	1,312238	4,666701
1195	1	0,25	0,2	4,1072	1,07446	4,135593

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
1144	7,68	0,592788	1,65035	0,592788	1,65035	0,3675954
1145	5,106383	0,5598805	1,298933	0,5598805	1,298933	0,3654407
1146	6,075949	0,5777826	1,393829	0,5777826	1,393829	0,366625
1147	5,333333	0,5723753	1,387368	0,5723753	1,387368	0,3662704
1148	3,870968	0,5511162	1,020788	0,5511162	1,020788	0,3648498
1149	5,915493	0,5715866	1,387337	0,5715866	1,387337	0,3662184
1150	7,937008	0,5931566	1,668424	0,5931566	1,668424	0,367619
1151	5,915493	0,5511481	1,387337	0,5511481	1,387337	0,364852
1152	4,615385	0,533758	1,205285	0,533758	1,205285	0,3636573
1153	3,692308	0,5402256	1	0,5402256	1	0,3641052
1154	4	0,5647857	1,044581	0,5647857	1,044581	0,3657681
1155	6,075949	0,6089822	1,393829	0,6089822	1,393829	0,3686211
1156	4,363636	0,5145852	1,206386	0,5145852	1,206386	0,3623037
1157	2,666667	0,4824252	0,8491229	0,4824252	0,8491229	0,3599401
1158	1,6	0,4540054	0,4223924	0,4540054	0,4223924	0,3577443
1159	3,272727	0,838173	1,399576	0,838173	1,399576	0,3812284
1160	11,51792	0,8451523	2,142419	0,8451523	2,142419	0,3815672
1161	2,938776	0,6716123	1,069887	0,6716123	1,069887	0,3723951
1162	11,21813	0,7357283	1,904081	0,7357283	1,904081	0,3759806
1163	8,585366	0,7017965	1,725715	0,7017965	1,725715	0,3741153
1164	6,857143	0,753687	1,5	0,753687	1,5	0,3769405
1165	4,645161	0,687535	1,198155	0,687535	1,198155	0,37331
1166	7,924528	0,7277038	1,73721	0,7277038	1,73721	0,3755457
1167	8,103896	0,7438157	1,617858	0,7438157	1,617858	0,3764151
1168	4,173913	0,7010745	1,095291	0,7010745	1,095291	0,3740748
1169	2,666667	0,7344822	0,8846833	0,7344822	0,8846833	0,3759133
1170	2,938776	0,6716123	1,069887	0,6716123	1,069887	0,3723951
1171	6,082949	0,7420801	1,70019	0,7420801	1,70019	0,3763222
1172	3,636364	0,7278148	1,069887	0,7278148	1,069887	0,3755517
1173	1,6	0,6650118	0,4223924	0,6650118	0,4223924	0,3720109
1174	6,960806	0,8277022	2,188751	0,8277022	2,188751	0,380716
1175	8,978903	0,7381759	1,716497	0,7381759	1,716497	0,3761125
1176	9,221557	0,7139807	1,785223	0,7139807	1,785223	0,3747931
1177	2,871795	0,6534432	1,010281	0,6534432	1,010281	0,37133
1178	8,615385	0,7177945	1,679492	0,7177945	1,679492	0,3750034
1179	2,666667	0,629224	0,8846833	0,629224	0,8846833	0,3698732
1180	2,4	0,6279402	0,7661917	0,6279402	0,7661917	0,3697947
1181	2,666667	0,6275685	0,8491229	0,6275685	0,8491229	0,369772
1182	1,6	0,5803128	0,4223924	0,5803128	0,4223924	0,36679
1183	3,328	0,7303218	1,422193	0,7303218	1,422193	0,375688
1184	4,363636	0,6495727	1,206386	0,6495727	1,206386	0,3711001
1185	2,181818	0,5990785	0,6368422	0,5990785	0,6368422	0,3679965
1186	4,848485	0,6798435	1,25521	0,6798435	1,25521	0,3728702
1187	4,615385	0,5778176	1,224149	0,5778176	1,224149	0,3666272
1188	4,615385	0,5778176	1,224149	0,5778176	1,224149	0,3666272
1189	9,587385	0,6876837	2,164289	0,6876837	2,164289	0,3733185
1190	7,47644	0,635892	1,610097	0,635892	1,610097	0,3702787
1191	7,905882	0,7706724	1,699252	0,7706724	1,699252	0,3778319
1192	15,02609	0,8246974	2,239627	0,8246974	2,239627	0,380568
1193	10,16413	0,7753696	1,895044	0,7753696	1,895044	0,3780757
1194	13,69128	0,7843574	2,213104	0,7843574	2,213104	0,3785389
1195	2,808511	0,7044911	1,054376	0,7044911	1,054376	0,374266

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
1144	0,4416106	0,348552	0,949838	393,8056	13,99031	2,481482
1145	0,454309	0,328542	1,541596	145,3162	14,75383	2,166667
1146	0,4447414	0,337604	1,251744	193,0157	14,32768	2,3125
1147	0,4588	0,333266	1,516497	135,6385	14,45359	2,153846
1148	0,4283173	0,32157	1,352482	155,0374	14,97256	2,3
1149	0,4481426	0,335125	1,332444	140,3236	14,47215	2,266667
1150	0,4573707	0,348167	1,319397	379,9231	13,98224	2,25
1151	0,4481426	0,324103	1,332444	214,3475	14,97175	2,266667
1152	0,4488558	0,31109	1,526264	126,3813	15,42696	2,181818
1153	0,4335972	0,311842	1,514247	86,72263	15,25424	2,222222
1154	0,4251371	0,324084	1,226423	146,0078	14,63438	2,363636
1155	0,4447414	0,348642	1,251744	85,84529	13,64487	2,3125
1156	0,4581569	0,302986	1,708454	114,7095	15,96449	2,1
1157	0,4491222	0,284227	2,168826	116,0911	16,96207	2
1158	0,3413031	0,267578	1,821928	39,41855	17,96126	2,25
1159	0,4251384	0,420077	0,657136	62,73261	10,18725	2,68
1160	0,4521192	0,428857	0,923455	80,83387	10,11138	2,468085
1161	0,4149004	0,344989	0,865102	17,69097	12,4657	2,571429
1162	0,4477439	0,377648	0,947959	85,03779	11,46651	2,472222
1163	0,454405	0,359625	1,220703	121,255	11,97256	2,304348
1164	0,4403938	0,38538	1,047029	30,62751	11,21711	2,428571
1165	0,4268879	0,353066	1,022413	25,39344	12,20016	2,466667
1166	0,4478377	0,373328	1,04112	71,74645	11,58192	2,407408
1167	0,4459432	0,381156	1,091569	88,85816	11,3527	2,391304
1168	0,4219661	0,359308	1,041152	57,51066	11,98386	2,461539
1169	0,4056839	0,369749	1,023547	40,87234	11,48426	2,5
1170	0,4149004	0,344989	0,865102	42,28671	12,4657	2,571429
1171	0,4437556	0,382033	0,934159	18,41611	11,37692	2,464286
1172	0,4149004	0,37374	0,832247	25,27817	11,58031	2,571429
1173	0,3413031	0,341627	1,821928	23,36753	12,5795	2,25
1174	0,4476996	0,433817	0,732509	92,80009	10,30347	2,583333
1175	0,4422898	0,387264	0,915086	76,57514	11,4318	2,5
1176	0,4589799	0,369604	1,290688	91,43874	11,78531	2,26087
1177	0,4148074	0,338511	0,985517	38,81283	12,7845	2,5
1178	0,4469399	0,380443	1,075192	140,2923	11,72801	2,4
1179	0,4056839	0,327488	1,023547	58,48941	13,2381	2,5
1180	0,4077324	0,321733	1,436278	50,19284	13,26312	2,285714
1181	0,4491222	0,327575	2,168826	19,7062	13,27038	2
1182	0,3413031	0,303029	1,821928	12,68688	14,26957	2,25
1183	0,4316805	0,385678	0,830686	75,0702	11,54399	2,545455
1184	0,4581569	0,333101	1,708454	72,88999	12,85472	2,1
1185	0,386988	0,307379	1,44132	48,98089	13,85391	2,333333
1186	0,4334107	0,357388	1,119518	65,69963	12,32688	2,4
1187	0,4385315	0,33909	1,273512	20,90445	14,32688	2,307692
1188	0,4385315	0,33909	1,273512	19,35693	14,32688	2,307692
1189	0,4492459	0,395474	0,813755	352,6074	12,19774	2,537037
1190	0,4386742	0,365084	0,897634	105,1687	13,10977	2,518518
1191	0,4389017	0,409269	0,825042	180,232	10,99193	2,5625
1192	0,4555967	0,434694	0,995032	93,90495	10,33737	2,428571
1193	0,4492124	0,413661	0,992318	87,11487	10,9314	2,441176
1194	0,4525785	0,421462	0,915114	95,29503	10,81759	2,480769
1195	0,4099346	0,376084	0,716307	52,38702	11,93059	2,666667

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth [Connectivity Wgt]	Mean Depth R3 [Connectivity Wgt]	Node Count	Node Count R3	RA RA	RA R3 RA R3
1144	12,90119	2,37037	1240	28	0,020986	0,11396
1145	13,65609	2,173913	1240	13	0,022219	0,212121
1146	13,23819	2,323077	1240	17	0,021531	0,175
1147	13,36969	2,044445	1240	14	0,021734	0,192308
1148	13,88926	2,117647	1240	11	0,022573	0,288889
1149	13,38807	2,1	1240	16	0,021764	0,180952
1150	12,91504	2,076923	1240	21	0,020973	0,131579
1151	13,9074	2,065217	1240	16	0,022571	0,180952
1152	14,40358	2	1240	12	0,023307	0,236364
1153	14,30406	2,166667	1240	10	0,023028	0,305556
1154	13,72721	2,307692	1240	12	0,022026	0,272727
1155	12,73485	2,30303	1240	17	0,020428	0,175
1156	14,90215	1,933333	1240	11	0,024175	0,244444
1157	15,90072	1,888889	1240	7	0,025787	0,4
1158	16,90024	2,166667	1240	5	0,027401	0,833333
1159	9,750119	2,680272	1240	26	0,014842	0,14
1160	9,663961	2,429167	1240	48	0,01472	0,06383
1161	11,91838	2,585714	1240	15	0,018523	0,241758
1162	10,91885	2,344594	1240	37	0,016909	0,084127
1163	11,37494	2,195402	1240	24	0,017726	0,118577
1164	10,62792	2,397727	1240	22	0,016506	0,142857
1165	11,61265	2,368421	1240	16	0,018094	0,209524
1166	11,05871	2,366972	1240	28	0,017095	0,108262
1167	10,9105	2,329412	1240	24	0,016725	0,126482
1168	11,60501	2,326087	1240	14	0,017745	0,24359
1169	11,15823	2,521739	1240	11	0,016937	0,333333
1170	11,91838	2,585714	1240	15	0,018523	0,241758
1171	10,83771	2,449367	1240	29	0,016764	0,108466
1172	11,15609	2,5	1240	15	0,017093	0,241758
1173	12,15561	2,444444	1240	5	0,018707	0,833333
1174	9,723628	2,498317	1240	61	0,01503	0,053672
1175	10,76611	2,417808	1240	31	0,016853	0,103448
1176	11,16826	2,281818	1240	24	0,017424	0,114625
1177	12,16778	2,442308	1240	13	0,019038	0,272727
1178	11,06134	2,315789	1240	26	0,017331	0,116667
1179	12,5852	2,375	1240	11	0,019771	0,333333
1180	12,70358	2,136364	1240	8	0,019811	0,428571
1181	12,81265	2,052632	1240	7	0,019823	0,4
1182	13,81217	2	1240	5	0,021437	0,833333
1183	10,87947	2,438202	1240	23	0,017034	0,147186
1184	12,26348	1,896552	1240	11	0,019151	0,244444
1185	13,26301	2,111111	1240	7	0,020766	0,533333
1186	11,6747	2,347826	1240	16	0,018299	0,2
1187	13,25346	2,169811	1240	14	0,02153	0,217949
1188	13,25346	2,169811	1240	14	0,02153	0,217949
1189	11,18664	2,447059	1240	55	0,01809	0,058001
1190	12,12172	2,357143	1240	28	0,019563	0,116809
1191	10,39451	2,508876	1240	33	0,016142	0,100807
1192	9,804057	2,376106	1240	50	0,015085	0,059524
1193	10,34797	2,378882	1240	35	0,016044	0,087344
1194	10,26492	2,345794	1240	53	0,01586	0,058069
1195	11,34749	2,64	1240	16	0,017658	0,238095

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
1144	0,633688	0,215686	1,686944	0,605932	4,209085	2,018864	4190
1145	0,60124	0,333333	1,786095	0,769863	4,213106	1,44442	4190
1146	0,613595	0,275862	1,730755	0,717448	4,175382	1,683883	4190
1147	0,598637	0,347826	1,747105	0,720789	4,153458	1,50504	4190
1148	0,583155	0,235294	1,814499	0,979635	4,182427	1,568706	4190
1149	0,586074	0,296296	1,749516	0,720806	4,190303	1,608219	4190
1150	0,588829	0,324324	1,685895	0,599368	4,189781	1,632013	4190
1151	0,570724	0,296296	1,814394	0,720806	4,233686	1,608219	4190
1152	0,556738	0,31579	1,873508	0,829679	4,218016	1,466868	4190
1153	0,548543	0,266667	1,851079	1	4,164304	1,437925	4190
1154	0,554427	0,210526	1,770583	0,957322	4,109817	1,686233	4190
1155	0,573164	0,275862	1,642084	0,717448	4,057367	1,683883	4190
1156	0,553562	0,352941	1,943313	0,828922	4,279451	1,34342	4190
1157	0,537218	0,333333	2,07286	1,177686	4,321298	1,091162	4190
1158	0,521712	0	2,202617	2,367467	4,363495	1,203369	4190
1159	0,679316	0,106383	1,193071	0,714502	3,458495	2,404367	4190
1160	0,681964	0,241758	1,183219	0,466762	3,477587	2,059014	4190
1161	0,6253	0,12	1,488954	0,934679	3,747257	2,070533	4190
1162	0,646697	0,231884	1,359197	0,525188	3,654681	2,047765	4190
1163	0,629615	0,302326	1,424914	0,57947	3,684838	1,723595	4190
1164	0,630782	0,230769	1,326811	0,666667	3,562168	1,901359	4190
1165	0,609055	0,185185	1,454471	0,834617	3,672872	1,907333	4190
1166	0,630634	0,254902	1,374186	0,575636	3,637408	1,90282	4190
1167	0,625882	0,255814	1,344419	0,618101	3,601139	1,869357	4190
1168	0,616605	0,173913	1,426382	0,913	3,666649	1,886684	4190
1169	0,621128	0,117647	1,361503	1,130348	3,568069	1,856234	4190
1170	0,6253	0,12	1,488954	0,934679	3,747257	2,070533	4190
1171	0,660882	0,226415	1,347563	0,58817	3,640393	2,0209	4190
1172	0,603658	0,12	1,373976	0,934679	3,592486	2,155528	4190
1173	0,581549	0	1,503733	2,367467	3,695008	1,203369	4190
1174	0,695962	0,188034	1,208164	0,456882	3,555937	2,316858	4190
1175	0,659088	0,210526	1,354691	0,582582	3,644088	2,08277	4190
1176	0,647535	0,325581	1,400598	0,560154	3,677518	1,674417	4190
1177	0,626764	0,142857	1,530355	0,989823	3,76904	1,909776	4190
1178	0,660225	0,255319	1,393157	0,595418	3,689072	1,884171	4190
1179	0,612398	0,117647	1,589259	1,130348	3,794174	1,856234	4190
1180	0,586051	0,181818	1,592508	1,305156	3,772353	1,451747	4190
1181	0,540348	0,333333	1,593452	1,177686	3,787582	1,091162	4190
1182	0,520475	0	1,723208	2,367467	3,878985	1,203369	4190
1183	0,589995	0,170732	1,369259	0,70314	3,634614	2,137104	4190
1184	0,599837	0,352941	1,539474	0,828922	3,739154	1,34342	4190
1185	0,579933	0,111111	1,66923	1,570248	3,837514	1,440605	4190
1186	0,641258	0,222222	1,470927	0,79668	3,725756	1,793915	4190
1187	0,613619	0,26087	1,73065	0,816894	4,214888	1,636055	4190
1188	0,613619	0,26087	1,73065	0,816894	4,214888	1,636055	4190
1189	0,655954	0,209524	1,454157	0,462045	4,070075	2,202893	4190
1190	0,648906	0,196078	1,572594	0,621081	4,056958	2,089525	4190
1191	0,683538	0,180328	1,297568	0,588494	3,618534	2,19032	4190
1192	0,694854	0,263158	1,212566	0,446503	3,552178	1,984199	4190
1193	0,685455	0,246154	1,289707	0,527692	3,627734	1,975299	4190
1194	0,689059	0,237624	1,274929	0,451854	3,663312	2,078816	4190
1195	0,664162	0,074074	1,419464	0,948428	3,708745	2,285943	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
1144	108	17334	67
1145	46	18280	26
1146	65	17752	37
1147	45	17908	28
1148	34	18551	23
1149	50	17931	34
1150	65	17324	45
1151	46	18550	34
1152	33	19114	24
1153	30	18900	20
1154	39	18132	26
1155	66	16906	37
1156	30	19780	21
1157	18	21016	12
1158	12	22254	9
1159	147	12622	67
1160	240	12528	116
1161	70	15445	36
1162	148	14207	89
1163	87	14834	53
1164	88	13898	51
1165	57	15116	37
1166	109	14350	65
1167	85	14066	55
1168	46	14848	32
1169	46	14229	25
1170	70	15445	36
1171	158	14096	69
1172	52	14348	36
1173	18	15586	9
1174	297	12766	155
1175	146	14164	75
1176	110	14602	52
1177	52	15840	30
1178	114	14531	60
1179	32	16402	25
1180	22	16433	16
1181	19	16442	12
1182	10	17680	9
1183	89	14303	56
1184	29	15927	21
1185	18	17165	14
1186	69	15273	36
1187	53	17751	30
1188	53	17751	30
1189	255	15113	137
1190	154	16243	68
1191	169	13619	82
1192	226	12808	119
1193	161	13544	83
1194	214	13403	129
1195	75	14782	40

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	x1	y1	x2	y2	Choice	Choice R3	Choice [Connectivity Wgt]
1196	2783,2767	2132,1468	2797,2593	2169,8493	0	0	3240
1197	2849,9008	2158,6427	2865,6178	2094,1148	0	0	1399,5
1198	2719,6593	1991,0559	2733,4030	1889,2600	4096	35	33691
1199	2722,5226	1959,3161	2765,7578	1952,1675	0	0	2058,5
1200	2677,8148	1880,8222	2683,5413	1862,8077	0	0	1195,5
1201	2869,1658	1870,5897	2881,0685	1927,1326	0	0	1349
1202	2893,6147	1858,3815	2904,2306	1926,4901	1164	4	11621
1203	2875,5997	1817,5806	2885,2506	1860,3091	764	2	8590
1204	2882,6770	1856,1327	2894,9014	1860,3091	665	4	8696
1205	2855,3610	1783,7403	2879,4882	1793,0571	2747	9	21483
1206	2876,2712	1822,9349	2878,2014	1789,2019	1554	7	13618
1207	4222,5376	2475,3005	4457,9742	2488,2510	0	0	1164
1208	2907,2695	2937,5865	2981,1089	2869,7449	518	3	12119
1209	2988,4928	2891,8672	3082,0227	2857,9464	222	7	7927
1210	2926,9584	2783,9598	3004,2436	2747,5810	2261	25	30631
1211	2942,2185	2811,9813	3023,9341	2776,5857	912	4	13366
1212	2969,8985	2860,2939	3058,9432	2826,0491	187	1	6820
1213	2978,7476	2875,7593	3071,1108	2843,1715	190	0	6888
1214	2917,9643	3077,2483	2972,7185	3057,3643	30	2	3080
1215	2965,5286	3052,9456	3037,4280	2997,7121	263	5	6794
1216	2977,1958	3077,7286	3066,3779	3036,8900	367	7	8363
1217	2869,4923	2977,5527	2923,3095	2956,7127	28	2	2370
1218	3196,5101	3413,2975	3255,1317	3362,9422	1655	13	31107
1219	2568,9832	2855,6238	2746,7384	2706,7377	596	3	7037
1220	2553,6060	2820,3110	2731,3612	2671,4250	626	6	7055
1221	2553,1703	2810,2471	2572,2837	2858,9214	1	1	4155
1222	3384,3885	3538,5345	3514,6528	3451,2974	6108	8	66874
1223	3523,4905	3479,7736	3565,6251	3462,8066	2294	15	15894
1224	3550,6741	3426,8363	3561,5476	3468,9147	1225	4	10394,5
1225	3550,6741	3438,3740	3560,8680	3392,2235	153	5	1517
1226	3552,7129	3442,4461	3583,2945	3424,8003	0	0	2077,5
1227	3046,8289	3019,2687	3139,0608	2902,6752	1134	15	16472
1228	3203,3841	3260,5141	3279,8549	3163,7415	43	1	3421
1229	3186,2196	3239,3606	3270,8157	3155,6936	12	0	1110
1230	3290,2973	3306,9140	3350,1398	3350,7056	511	4	6789
1231	3290,8132	3362,5550	3321,7662	3324,9458	5	3	1603
1232	3327,2013	3262,9633	3370,6721	3303,4820	319	7	4720
1233	3348,6469	3288,4322	3374,1498	3258,3326	171	3	3222
1234	3382,2643	3311,5857	3423,4167	3363,6811	4	1	757
1235	2960,5317	2764,7534	2980,9723	2798,0594	1236	6	10386
1236	2955,8698	2787,6737	2991,0133	2773,3485	0	0	2089,5
1237	3926,4494	2720,5279	3989,8616	2766,2645	1	1	1666
1238	3938,7795	2707,5106	4003,6009	2753,5990	1	1	1666
1239	4017,3403	2716,3061	4044,1143	2725,8052	0	3	1633
1240	3622,8507	2586,1986	3690,0011	2568,8783	82	0	2912
1241	3996,1939	2052,3629	4018,2467	2040,1188	4125	7	28051

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Choice R3 [Connectivity Wgt]	Choice [Norm] [Connectivity Wgt]	Choice [Norm] R3 [Connectivity Wgt]	Choice [Norm]	Choice [Norm] R3
1196	71	0,000369103	0,006066043	0	0
1197	7	0,000159432	0,001222814	0	0
1198	574,5	0,003838096	0,09495868	0,005340698	0,0662879
1199	24	0,000234505	0,01586777	0	0
1200	4,5	0,000136192	0,00178536	0	0
1201	3,5	0,000153679	0,04142012	0	0
1202	29	0,00132387	0,200692	0,001517718	0,1904762
1203	37	0,000978577	0,1678005	0,000996165	0,0952381
1204	27	0,000990653	0,1868512	0,000867081	0,1904762
1205	111	0,002447354	0,08210059	0,003581762	0,1363636
1206	64	0,00155137	0,175583	0,002026231	0,1944444
1207	20	0,000132604	0,02629849	0	0
1208	288	0,001380603	0,01108033	0,000675411	0,002449
1209	259	0,000903048	0,03161621	0,000289462	0,0233333
1210	734	0,003489499	0,05263724	0,002948076	0,0396825
1211	161,5	0,001522662	0,01940989	0,00118914	0,0123077
1212	123	0,000776938	0,01501465	0,000243826	0,0033333
1213	60	0,000784685	0,007324219	0,000247738	0
1214	182	0,000350875	0,0075895	3,91E-05	0,0017731
1215	260	0,000773976	0,01027161	0,000342921	0,0046253
1216	413	0,000952717	0,01631605	0,000478524	0,0064755
1217	295	0,000269992	0,01230166	3,65E-05	0,0017731
1218	920	0,003543725	0,01720768	0,002157924	0,0049467
1219	128	0,000801659	0,01719968	0,000777113	0,0108696
1220	120	0,000803709	0,0161247	0,00081623	0,0217391
1221	44	0,00047334	0,0415879	1,30E-06	0,0181818
1222	799	0,007618321	0,01003763	0,007964107	0,0020899
1223	367	0,001810653	0,00977676	0,002991104	0,0090744
1224	176,5	0,001184147	0,03201814	0,001597255	0,0210526
1225	104	0,000172817	0,01519468	0,000199494	0,0181159
1226	10,5	0,00023667	0,02880658	0	0
1227	277	0,001876499	0,03381348	0,001478601	0,0543478
1228	214	0,000389722	0,006048957	5,61E-05	0,000605
1229	158	0,000126452	0,004466052	1,56E-05	0
1230	404	0,000773406	0,01581956	0,000666283	0,0042283
1231	150	0,000182615	0,01002372	6,52E-06	0,0056818
1232	390	0,000537705	0,01554528	0,000415938	0,0077519
1233	244	0,000367052	0,009813188	0,000222964	0,0028986
1234	103	8,62E-05	0,006575378	5,22E-06	0,0015015
1235	135,5	0,001183179	0,04454307	0,001611597	0,0392157
1236	14,5	0,000238037	0,02662994	0	0
1237	92	0,000189792	0,008873457	1,30E-06	0,002849
1238	92	0,000189792	0,008873457	1,30E-06	0,002849
1239	132	0,000186032	0,01098855	0	0,0053476
1240	80	0,000331737	0,004883856	0,000106918	0
1241	34	0,003195585	0,3022222	0,00537851	0,4666667

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Connectivity	Control	Controllability	Entropy	Entropy R3	Harmonic Mean Depth
1196	2	0,333333	0,2	4,008987	1,120508	4,342718
1197	1	0,166667	0,1428571	3,983877	1,120064	4,055165
1198	5	2,033333	0,3571429	4,298909	1,348179	4,904859
1199	1	0,2	0,1666667	4,30182	1,249687	4,421926
1200	1	0,166667	0,1428571	4,307737	1,120064	4,463986
1201	1	0,333333	0,25	4,078228	1,487469	3,849092
1202	2	0,833333	0,3333333	4,10721	1,530639	4,17119
1203	2	1	0,4	4,191718	1,530639	4,457024
1204	2	1	0,4	4,19117	1,530639	4,223413
1205	3	1,083333	0,375	4,19317	1,541596	4,896219
1206	2	0,833333	0,3333333	4,203571	1,514247	4,707041
1207	2	0,666667	0,4	3,991051	1,371322	12,40471
1208	2	0,169935	0,08	4,248521	1,202007	4,929101
1209	2	0,253968	0,1538462	4,110861	1,314846	5,177308
1210	4	0,753968	0,2105263	4,092712	1,383208	5,140843
1211	3	0,587302	0,2	4,113983	1,399959	5,317694
1212	2	0,253968	0,1538462	4,110861	1,314846	5,177308
1213	2	0,253968	0,1538462	4,110861	1,314846	5,177308
1214	2	0,158824	0,08695652	4,249445	1,201144	4,927821
1215	2	0,201681	0,09090909	4,1938	1,1994	4,904451
1216	2	0,201681	0,09090909	4,1938	1,1994	4,904451
1217	2	0,158824	0,08695652	4,249445	1,201144	4,927821
1218	3	0,316667	0,12	4,213757	1,09697	5,413176
1219	2	0,6	0,1666667	4,284755	1,3127	4,979194
1220	2	0,6	0,1666667	4,284755	1,3127	4,979194
1221	2	1	0,5	4,288408	1,119549	4,488127
1222	2	0,133333	0,07142857	4,237865	1,011159	5,282205
1223	2	0,4	0,1052632	4,323275	1,056206	5,769619
1224	3	2	0,5	4,335527	1,070862	5,612663
1225	2	0,583333	0,25	4,350255	1,134242	5,747055
1226	1	0,333333	0,25	4,337749	1,487469	4,844695
1227	2	0,476191	0,1818182	4,136541	1,285983	5,511585
1228	2	0,138095	0,08	4,255814	1,154442	5,792936
1229	2	0,138095	0,08	4,255814	1,154442	5,792936
1230	4	1,025	0,3076923	4,219386	1,103145	5,665639
1231	2	0,321429	0,125	4,247372	1,256527	5,710057
1232	3	0,825	0,2727273	4,214744	0,9973677	5,570278
1233	2	0,4	0,1176471	4,24647	1,127689	5,768114
1234	2	0,4	0,2222222	4,31108	0,9416341	5,816914
1235	3	1,583333	0,4285714	4,099788	1,259651	4,965134
1236	1	0,333333	0,25	4,102009	1,44132	4,367129
1237	2	0,366667	0,2222222	4,137941	1,127792	7,127195
1238	2	0,366667	0,2222222	4,137941	1,127792	7,127195
1239	2	0,225	0,1428571	4,13743	1,202949	7,241729
1240	2	0,309524	0,2222222	4,073411	1,045259	6,950777
1241	2	0,833333	0,3333333	4,150452	1,44132	8,439919

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Harmonic Mean Depth R3	Integration [HH]	Integration [HH] R3	Integration [P-value]	Integration [P-value] R3	Integration [Tekl]
1196	5,793103	0,7899424	1,576375	0,7899424	1,576375	0,3788247
1197	3,13253	0,7637627	1,241593	0,7637627	1,241593	0,3774711
1198	10,66667	0,6253473	1,851848	0,6253473	1,851848	0,3696359
1199	2,909091	0,5784131	1,040526	0,5784131	1,040526	0,3666661
1200	3,13253	0,5797487	1,241593	0,5797487	1,241593	0,3667533
1201	2	0,5619249	0,5817041	0,5619249	0,5817041	0,3655774
1202	3	0,5674055	0,9851035	0,5674055	0,9851035	0,3659421
1203	3	0,5532895	0,8619656	0,5532895	0,8619656	0,364997
1204	3	0,5453826	0,8619656	0,5453826	0,8619656	0,3644593
1205	5,106383	0,6283124	1,298933	0,6283124	1,298933	0,3698175
1206	3,692308	0,58148	1	0,58148	1	0,3668659
1207	3,428571	0,6569527	0,947875	0,6569527	0,947875	0,3715376
1208	6,850299	0,7904004	2,179606	0,7904004	2,179606	0,378848
1209	5,909091	0,7739231	1,632839	0,7739231	1,632839	0,3780007
1210	10,61053	0,8047338	2,018325	0,8047338	2,018325	0,3795738
1211	7,880597	0,7741743	1,782043	0,7741743	1,782043	0,3780137
1212	5,909091	0,7739231	1,632839	0,7739231	1,632839	0,3780007
1213	5,909091	0,7739231	1,632839	0,7739231	1,632839	0,3780007
1214	6,797386	0,7941505	2,115079	0,7941505	2,115079	0,3790389
1215	6,767123	0,8117172	2,082069	0,8117172	2,082069	0,3799238
1216	6,767123	0,8117172	2,082069	0,8117172	2,082069	0,3799238
1217	6,797386	0,7941505	2,115079	0,7941505	2,115079	0,3790389
1218	9,966102	0,8289248	2,286214	0,8289248	2,286214	0,3807761
1219	5,813664	0,7251595	1,578518	0,7251595	1,578518	0,375407
1220	5,813664	0,7251595	1,578518	0,7251595	1,578518	0,375407
1221	2,461539	0,6628864	0,9216888	0,6628864	0,9216888	0,3718865
1222	7,189157	0,8423169	2,381851	0,8423169	2,381851	0,3814298
1223	6,808511	0,7680048	2,066674	0,7680048	2,066674	0,3776929
1224	4,444445	0,6988664	1,303456	0,6988664	1,303456	0,3739509
1225	5,271318	0,7065781	1,416619	0,7065781	1,416619	0,3743824
1226	2	0,6407605	0,5817041	0,6407605	0,5817041	0,3705726
1227	5,74359	0,7819148	1,53467	0,7819148	1,53467	0,3784134
1228	6,958139	0,7887017	2,204452	0,7887017	2,204452	0,3787613
1229	6,958139	0,7887017	2,204452	0,7887017	2,204452	0,3787613
1230	9,846154	0,7756218	1,869905	0,7756218	1,869905	0,3780887
1231	6,324324	0,7393199	1,814056	0,7393199	1,814056	0,376174
1232	7,897436	0,7753696	1,784909	0,7753696	1,784909	0,3780757
1233	6,614173	0,7821712	1,937812	0,7821712	1,937812	0,3784266
1234	5,704918	0,7299307	1,640698	0,7299307	1,640698	0,3756667
1235	5,333333	0,7288712	1,308879	0,7288712	1,308879	0,3756092
1236	2,181818	0,6658936	0,6368422	0,6658936	0,6368422	0,3720624
1237	5,560976	0,7214855	1,500318	0,7214855	1,500318	0,3752061
1238	5,560976	0,7214855	1,500318	0,7214855	1,500318	0,3752061
1239	6,264407	0,7023648	1,752022	0,7023648	1,752022	0,3741471
1240	5,632653	0,7801246	1,559231	0,7801246	1,559231	0,3783213
1241	2,181818	0,4667314	1,018947	0,4667314	1,018947	0,3587407

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Integration [Tekl] R3	Intensity	Intensity R3	Line Length	Mean Depth	Mean Depth R3
1196	0,4326119	0,411621	0,723661	40,21182	10,74818	2,633333
1197	0,4208478	0,395485	0,746709	66,41444	11,08232	2,631579
1198	0,4476306	0,349413	0,975278	102,7195	13,31396	2,454545
1199	0,4147411	0,323406	0,920822	43,82218	14,31316	2,538461
1200	0,4208478	0,324599	0,746709	18,90273	14,28249	2,631579
1201	0,3868528	0,297856	1,784963	57,7822	14,70379	2,2
1202	0,4603911	0,302899	2,040852	68,93095	14,57143	2
1203	0,4308271	0,30144	1,749302	43,80483	14,91768	2,142857
1204	0,4308271	0,297093	1,749302	12,9182	15,11945	2,142857
1205	0,454309	0,342435	1,541596	25,86358	13,25585	2,166667
1206	0,4335972	0,317695	1,514247	33,78819	14,24294	2,222222
1207	0,4162897	0,340787	1,160349	235,7925	12,72155	2,4
1208	0,4521098	0,436468	0,839758	100,2733	10,74253	2,48
1209	0,4434264	0,413521	0,976743	99,49101	10,94996	2,44
1210	0,454413	0,428086	1,044463	85,41911	10,56901	2,388889
1211	0,4526808	0,413969	1,111732	89,05214	10,94673	2,346154
1212	0,4434264	0,413521	0,976743	95,40266	10,94996	2,44
1213	0,4434264	0,413521	0,976743	97,94344	10,94996	2,44
1214	0,4501342	0,438634	0,828959	58,25289	10,69653	2,5
1215	0,4490885	0,442467	0,822446	90,66571	10,48668	2,510638
1216	0,4490885	0,442467	0,822446	98,08793	10,48668	2,510638
1217	0,4501342	0,438634	0,828959	57,71132	10,69653	2,5
1218	0,4474321	0,453998	0,68793	77,27974	10,28975	2,630137
1219	0,4409546	0,403854	0,965221	231,8706	11,61905	2,458333
1220	0,4409546	0,403854	0,965221	231,8706	11,61905	2,458333
1221	0,4063558	0,369485	0,839662	52,29256	12,61663	2,545455
1222	0,447447	0,463973	0,616392	156,7773	10,14205	2,670455
1223	0,4428947	0,431562	0,65596	45,42254	11,02663	2,655172
1224	0,4247927	0,393821	0,725423	43,46057	12,01856	2,6
1225	0,4279298	0,39952	0,746212	47,2629	11,8983	2,625
1226	0,3868528	0,361261	1,784963	35,30731	13,01776	2,2
1227	0,4374882	0,420401	0,918559	148,6633	10,84826	2,5
1228	0,4492469	0,436277	0,765304	123,3398	10,76352	2,551724
1229	0,4492469	0,436277	0,765304	118,9818	10,76352	2,551724
1230	0,4397351	0,425369	0,699177	74,15398	10,92817	2,636364
1231	0,445259	0,408148	0,89004	48,7087	11,41566	2,484848
1232	0,4355792	0,424763	0,609503	59,42619	10,9314	2,697675
1233	0,4422171	0,431715	0,726047	39,45099	10,84504	2,608696
1234	0,4308271	0,409008	0,56797	66,38861	11,54964	2,72973
1235	0,429817	0,388398	0,920514	39,07825	11,56497	2,5
1236	0,386988	0,355028	1,44132	37,95099	12,56417	2,333333
1237	0,430488	0,38804	0,734376	78,18539	11,67312	2,62963
1238	0,430488	0,38804	0,734376	79,53592	11,67312	2,62963
1239	0,4403338	0,377708	0,809677	28,40924	11,96368	2,558824
1240	0,4303958	0,413037	0,655849	69,3482	10,87086	2,677419
1241	0,5	0,251776	2,52231	25,22387	17,49879	1,833333

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Mean Depth	Mean Depth R3	Node	Node	RA	RA R3
	[Connectivity Wgt]	[Connectivity Wgt]	Count	Count R3	RA	RA R3
1196	10,24487	2,588235	1240	31	0,015748	0,112644
1197	10,61098	2,654206	1240	20	0,016288	0,181287
1198	12,97828	2,245455	1240	34	0,019893	0,090909
1199	13,9778	2,454545	1240	14	0,021508	0,25641
1200	13,94439	2,450704	1240	20	0,021458	0,181287
1201	14,32601	2	1240	6	0,022139	0,6
1202	14,22458	1,764706	1240	8	0,021925	0,333333
1203	14,75442	2,095238	1240	8	0,022484	0,380952
1204	14,85919	1,882353	1240	8	0,02281	0,380952
1205	13,12506	2,269231	1240	13	0,019799	0,212121
1206	14,11623	2,074074	1240	10	0,021394	0,305556
1207	12,25967	2,307692	1240	11	0,018936	0,311111
1208	9,904058	2,421053	1240	51	0,015739	0,060408
1209	10,11885	2,4375	1240	26	0,016074	0,12
1210	9,771837	2,335329	1240	37	0,015459	0,079365
1211	10,11647	2,372093	1240	27	0,016069	0,107692
1212	10,11885	2,4375	1240	26	0,016074	0,12
1213	10,11885	2,4375	1240	26	0,016074	0,12
1214	9,861575	2,388128	1240	49	0,015665	0,06383
1215	9,649165	2,457778	1240	48	0,015326	0,06568
1216	9,649165	2,457778	1240	48	0,015326	0,06568
1217	9,861575	2,388128	1240	49	0,015665	0,06383
1218	9,373985	2,422018	1240	74	0,015008	0,045282
1219	10,78473	2,491803	1240	25	0,017155	0,126812
1220	10,78473	2,491803	1240	25	0,017155	0,126812
1221	11,78282	2,478261	1240	12	0,018767	0,309091
1222	9,206205	2,511278	1240	89	0,014769	0,038401
1223	10,04391	2,569343	1240	59	0,016198	0,058076
1224	11,03699	2,638095	1240	21	0,017801	0,168421
1225	10,89618	2,598291	1240	25	0,017606	0,141304
1226	12,03652	2,518518	1240	6	0,019415	0,6
1227	9,970167	2,578125	1240	25	0,01591	0,130435
1228	9,814797	2,398496	1240	59	0,015773	0,054446
1229	9,814797	2,398496	1240	59	0,015773	0,054446
1230	9,998329	2,495575	1240	45	0,016039	0,07611
1231	10,4864	2,456647	1240	34	0,016827	0,092803
1232	10,00215	2,553571	1240	44	0,016044	0,080842
1233	9,9	2,511211	1240	47	0,015905	0,071498
1234	10,57924	2,525424	1240	38	0,017043	0,096096
1235	10,7685	2,397436	1240	19	0,017068	0,176471
1236	11,76802	2,515152	1240	7	0,018682	0,533333
1237	11,00143	2,520833	1240	28	0,017243	0,125356
1238	11,00143	2,520833	1240	28	0,017243	0,125356
1239	11,34177	2,367742	1240	35	0,017712	0,094474
1240	10,24296	2,519337	1240	32	0,015946	0,111828
1241	17,29857	1,666667	1240	7	0,026654	0,333333

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	RA [Penn]	RA [Penn] R3	RRA	RRA R3	Relativised Entropy	Relativised Entropy R3	Total Connectivity
1196	0,681429	0,140351	1,265915	0,634367	3,573556	2,32496	4190
1197	0,670509	0,114286	1,309307	0,805417	3,607477	2,25321	4190
1198	0,642986	0,238095	1,599111	0,540001	4,028814	2,015812	4190
1199	0,624585	0,130435	1,728868	0,961052	4,075439	1,993852	4190
1200	0,62545	0,114286	1,724885	0,805417	4,090313	2,25321	4190
1201	0,602691	0,142857	1,779597	1,719087	3,977694	1,214956	4190
1202	0,606529	0,363636	1,762408	1,015122	3,982172	1,140318	4190
1203	0,59649	0,272727	1,807372	1,160139	4,078734	1,294239	4190
1204	0,601848	0,272727	1,833575	1,160139	4,074778	1,294239	4190
1205	0,623444	0,333333	1,591565	0,769863	3,980802	1,44442	4190
1206	0,604922	0,266667	1,71975	1	4,050557	1,437925	4190
1207	0,485383	0,176471	1,52218	1,054991	3,754895	1,760676	4190
1208	0,700665	0,237113	1,265181	0,458799	3,759547	2,153641	4190
1209	0,674835	0,234043	1,292118	0,61243	3,614688	1,9652	4190
1210	0,687284	0,275362	1,242647	0,49546	3,583019	1,908254	4190
1211	0,67494	0,285714	1,291699	0,561154	3,617304	1,820913	4190
1212	0,674835	0,234043	1,292118	0,61243	3,614688	1,9652	4190
1213	0,674835	0,234043	1,292118	0,61243	3,614688	1,9652	4190
1214	0,702078	0,225806	1,259207	0,472796	3,760861	2,169337	4190
1215	0,69954	0,21978	1,231956	0,480292	3,671275	2,178833	4190
1216	0,69954	0,21978	1,231956	0,480292	3,671275	2,178833	4190
1217	0,702078	0,225806	1,259207	0,472796	3,760861	2,169337	4190
1218	0,69641	0,167832	1,206382	0,437405	3,701822	2,398154	4190
1219	0,683201	0,222222	1,379007	0,633506	3,835498	1,979488	4190
1220	0,683201	0,222222	1,379007	0,633506	3,835498	1,979488	4190
1221	0,663204	0,105263	1,508554	1,084965	3,895446	2,143823	4190
1222	0,701237	0,150289	1,187202	0,419842	3,758003	2,51024	4190
1223	0,672329	0,150443	1,302075	0,483869	3,872607	2,440882	4190
1224	0,651023	0,135135	1,430889	0,767191	3,916565	2,342577	4190
1225	0,654831	0,133333	1,415272	0,705906	3,934018	2,287109	4190
1226	0,630759	0,142857	1,560645	1,719087	3,965816	1,214956	4190
1227	0,667566	0,2	1,278912	0,651606	3,627559	2,040488	4190
1228	0,670426	0,20354	1,267907	0,453627	3,744192	2,265475	4190
1229	0,670426	0,20354	1,267907	0,453627	3,744192	2,265475	4190
1230	0,675547	0,152941	1,289288	0,534786	3,715628	2,394096	4190
1231	0,659616	0,222222	1,352594	0,551251	3,756621	2,081285	4190
1232	0,675441	0,120482	1,289707	0,560253	3,714543	2,528566	4190
1233	0,667675	0,168539	1,278493	0,516046	3,731818	2,325629	4190
1234	0,655237	0,098592	1,369993	0,609497	3,851069	2,583513	4190
1235	0,665389	0,181818	1,371984	0,764012	3,669653	2,069232	4190
1236	0,644696	0,111111	1,501741	1,570248	3,756001	1,440605	4190
1237	0,584973	0,137255	1,386029	0,666525	3,733597	2,306915	4190
1238	0,584973	0,137255	1,386029	0,666525	3,733597	2,306915	4190
1239	0,573675	0,184615	1,423761	0,570769	3,75517	2,195857	4190
1240	0,600979	0,118644	1,281847	0,641342	3,609907	2,433303	4190
1241	0,40378	0,444444	2,14256	0,981405	4,283562	0,9990029	4190

Table B.1. (cont.) Data Spreadsheets - UCL Depthmap Software

Ref	Total Connectivity R3	Total Depth	Total Depth R3
1196	153	13317	79
1197	107	13731	50
1198	110	16496	81
1199	55	17734	33
1200	71	17696	50
1201	13	18218	11
1202	17	18054	14
1203	21	18483	15
1204	17	18733	15
1205	52	16424	26
1206	27	17647	20
1207	39	15762	24
1208	228	13310	124
1209	128	13567	61
1210	167	13095	86
1211	129	13563	61
1212	128	13567	61
1213	128	13567	61
1214	219	13253	120
1215	225	12993	118
1216	225	12993	118
1217	219	13253	120
1218	327	12749	192
1219	122	14396	59
1220	122	14396	59
1221	46	15632	28
1222	399	12566	235
1223	274	13662	154
1224	105	14891	52
1225	117	14742	63
1226	27	16129	11
1227	128	13441	60
1228	266	13336	148
1229	266	13336	148
1230	226	13540	116
1231	173	14144	82
1232	224	13544	116
1233	223	13437	120
1234	177	14310	101
1235	78	14329	45
1236	33	15567	14
1237	144	14463	71
1238	144	14463	71
1239	155	14823	87
1240	181	13469	83
1241	15	21681	11

APPENDIX C

DATA SPREADSHEETS FOR BUILDING BLOCKS

Table C.1. Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Armenian Block	2650,1447	218,8674	True	12,1084	0,0553	0,69
1	Polyline	Armenian Block	1172,0202	166,0109	True	7,0599	0,0425	0,53
1	Polyline	Armenian Block	1606,2743	170,9993	True	9,39346	0,0549	0,69
1	Polyline	Armenian Block	2591,9612	209,8477	True	12,3516	0,0589	0,74
1	Polyline	Armenian Block	886,2043	122,4472	True	7,23744	0,0591	0,74
1	Polyline	Armenian Block	2352,6116	194,623	True	12,088	0,0621	0,78
1	Polyline	Armenian Block	3126,6769	223,802	True	13,9707	0,0624	0,78
1	Polyline	Armenian Block	2765,8302	215,628	True	12,8269	0,0595	0,75
1	Polyline	Armenian Block	917,6575	121,6636	True	7,54258	0,062	0,78
1	Polyline	Armenian Block	1318,9666	151,153	True	8,72604	0,0577	0,73
1	Polyline	Armenian Block	3931,8273	305,1468	True	12,885	0,0422	0,53
1	Polyline	Armenian Block	2335,7231	198,3189	True	11,7776	0,0594	0,75
1	Polyline	Armenian Block	788,7512	112,9031	True	6,98609	0,0619	0,78
1	Polyline	Armenian Block	782,2867	115,9281	True	6,74803	0,0582	0,73
1	Polyline	Armenian Block	2861,2996	216,9465	True	13,189	0,0608	0,76
1	Polyline	Armenian Block	4743,2094	304,5533	True	15,5743	0,0511	0,64
1	Polyline	Armenian Block	3374,4055	235,9431	True	14,3018	0,0606	0,76
1	Polyline	Armenian Block	14420,6906	552,1079	True	26,1193	0,0473	0,59
1	Polyline	Armenian Block	2561,2277	217,7525	True	11,7621	0,054	0,68
1	Polyline	Armenian Block	2656,6104	236,9057	True	11,2138	0,0473	0,59
1	Polyline	Armenian Block	2240,324	194,9016	True	11,4946	0,059	0,74
1	Polyline	Armenian Block	2337,2548	197,7525	True	11,8191	0,0598	0,75
1	Polyline	Armenian Block	2401,8481	201,993	True	11,8907	0,0589	0,74
1	Polyline	Armenian Block	1067,4475	132,389	True	8,06296	0,0609	0,76
1	Polyline	Armenian Block	2003,1564	183,1847	True	10,9352	0,0597	0,75
1	Polyline	Armenian Block	3419,3109	247,9998	True	13,7876	0,0556	0,70
1	Polyline	Armenian Block	4681,3441	353,4163	True	13,246	0,0375	0,47
1	Polyline	Armenian Block	2920,7651	220,153	True	13,267	0,0603	0,76
1	Polyline	Armenian Block	709,1735	137,4723	True	5,15866	0,0375	0,47
1	Polyline	Armenian Block	2381,5192	202,9378	True	11,7352	0,0578	0,73
1	Polyline	Armenian Block	2420,4571	200,7562	True	12,0567	0,0601	0,75
1	Polyline	Armenian Block	2792,4053	214,43	True	13,0225	0,0607	0,76
1	Polyline	Armenian Block	969,8717	148,8089	True	6,51757	0,0438	0,55
1	Polyline	Armenian Block	2466,2658	202,8633	True	12,1573	0,0599	0,75
1	Polyline	Armenian Block	16047,2579	505,1933	True	31,7646	0,0629	0,79
1	Polyline	Armenian Block	1820,3222	171,3766	True	10,6218	0,062	0,78
1	Polyline	Armenian Block	1438,1551	152,7416	True	9,41561	0,0616	0,77
1	Polyline	Armenian Block	5006,1142	306,9105	True	16,3113	0,0531	0,67
1	Polyline	Armenian Block	4877,9911	379,3841	True	12,8577	0,0339	0,43
1	Polyline	Armenian Block	4878,7838	318,429	True	15,3214	0,0481	0,60
1	Polyline	Commercial Block	6301,2445	606,6248	True	10,3874	0,0171	0,22
1	Polyline	Commercial Block	2778,7987	211,6089	True	13,1318	0,0621	0,78
1	Polyline	Commercial Block	8619,6999	740,5167	True	11,6401	0,0157	0,20
1	Polyline	Commercial Block	4742,608	507,1951	True	9,35066	0,0184	0,23
1	Polyline	Commercial Block	549,58	97,0442	True	5,66319	0,0584	0,73
1	Polyline	Commercial Block	3734,3856	285,008	True	13,1027	0,046	0,58

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Commercial Block	72,919	36,2049	True	2,01406	0,0556	0,70
1	Polyline	Commercial Block	93,5023	42,6971	True	2,1899	0,0513	0,64
1	Polyline	Commercial Block	6049,3429	639,3878	True	9,46115	0,0148	0,19
1	Polyline	Commercial Block	23568,9187	1522,7962	True	15,4774	0,0102	0,13
1	Polyline	Commercial Block	6817,1509	482,6477	True	14,1245	0,0293	0,37
1	Polyline	Commercial Block	6232,7889	336,2602	True	18,5356	0,0551	0,69
1	Polyline	Commercial Block	518,5815	106,8003	True	4,85562	0,0455	0,57
1	Polyline	Commercial Block	271,7563	80,1259	True	3,39162	0,0423	0,53
1	Polyline	Commercial Block	161,8596	51,4905	True	3,14348	0,061	0,77
1	Polyline	Commercial Block	68,9708	33,0932	True	2,08414	0,063	0,79
1	Polyline	Commercial Block	258,0597	69,7692	True	3,69876	0,053	0,67
1	Polyline	Commercial Block	805,3716	153,611	True	5,24293	0,0341	0,43
1	Polyline	Commercial Block	1429,0096	175,2048	True	8,15622	0,0466	0,58
1	Polyline	Commercial Block	810,3066	118,3249	True	6,84815	0,0579	0,73
1	Polyline	Commercial Block	371,9354	98,6493	True	3,77028	0,0382	0,48
1	Polyline	Commercial Block	1014,678	184,3628	True	5,5037	0,0299	0,37
1	Polyline	Commercial Block	978,133	184,1761	True	5,31086	0,0288	0,36
1	Polyline	Commercial Block	145,0571	51,8463	True	2,79783	0,054	0,68
1	Polyline	Commercial Block	100,2647	39,6247	True	2,53036	0,0639	0,80
1	Polyline	Commercial Block	1079,066	229,3531	True	4,70482	0,0205	0,26
1	Polyline	Commercial Block	101,622	39,4295	True	2,57731	0,0654	0,82
1	Polyline	Commercial Block	238,771	63,1669	True	3,78	0,0598	0,75
1	Polyline	Commercial Block	954,3053	163,2385	True	5,84608	0,0358	0,45
1	Polyline	Commercial Block	438,8613	113,3892	True	3,8704	0,0341	0,43
1	Polyline	Commercial Block	133,9259	50,1483	True	2,6706	0,0533	0,67
1	Polyline	Commercial Block	229,9496	65,7875	True	3,49534	0,0531	0,67
1	Polyline	Commercial Block	223,9261	67,3942	True	3,32263	0,0493	0,62
1	Polyline	Commercial Block	313,5222	78,3117	True	4,00352	0,0511	0,64
1	Polyline	Commercial Block	121,0335	43,3619	True	2,79124	0,0644	0,81
1	Polyline	Commercial Block	12661,6884	557,7254	True	22,7024	0,0407	0,51
1	Polyline	Commercial Block	13710,2348	966,3576	True	14,1875	0,0147	0,18
1	Polyline	Commercial Block	2004,4659	179,8996	True	11,1421	0,0619	0,78
1	Polyline	Commercial Block	307,9247	88,4712	True	3,48051	0,0393	0,49
1	Polyline	Commercial Block	2226,5768	209,3989	True	10,6332	0,0508	0,64
1	Polyline	Commercial Block	1012,3232	133,3949	True	7,58892	0,0569	0,71
1	Polyline	Commercial Block	4088,338	388,3603	True	10,5272	0,0271	0,34
1	Polyline	Commercial Block	605,0685	125,3747	True	4,82608	0,0385	0,48
1	Polyline	Commercial Block	2641,6622	293,3502	True	9,00515	0,0307	0,39
1	Polyline	Commercial Block	3263,8899	257,2677	True	12,6867	0,0493	0,62
1	Polyline	Commercial Block	1956,4333	196,7275	True	9,94489	0,0506	0,63
1	Polyline	Commercial Block	92,846	43,1524	True	2,15158	0,0499	0,63
1	Polyline	Commercial Block	268,1632	112,8991	True	2,37525	0,021	0,26
1	Polyline	Commercial Block	586,5262	136,6381	True	4,29255	0,0314	0,39
1	Polyline	Commercial Block	13491,0721	1331,2534	True	10,1341	0,0076	0,10
1	Polyline	Commercial Block	949,8368	176,5605	True	5,37967	0,0305	0,38
1	Polyline	Commercial Block	5927,565	535,3488	True	11,0723	0,0207	0,26
1	Polyline	Commercial Block	9380,3264	609,8078	True	15,3824	0,0252	0,32
1	Polyline	Commercial Block	7246,0302	506,4079	True	14,3087	0,0283	0,35
1	Polyline	Commercial Block	239,8052	65,4813	True	3,66219	0,0559	0,70
1	Polyline	Commercial Block	3644,4553	416,1333	True	8,7579	0,021	0,26
1	Polyline	Commercial Block	255,1281	65,4793	True	3,89632	0,0595	0,75
1	Polyline	Commercial Block	3503,6742	247,5462	True	14,1536	0,0572	0,72
1	Polyline	Commercial Block	2982,8946	282,477	True	10,5598	0,0374	0,47

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Commercial Block	2784,7464	222,5531	True	12,5127	0,0562	0,71
1	Polyline	Commercial Block	7485,6215	492,2832	True	15,2059	0,0309	0,39
1	Polyline	Commercial Block	818,9628	117,9328	True	6,94432	0,0589	0,74
1	Polyline	Commercial Block	590,4631	96,5438	True	6,11601	0,0633	0,80
1	Polyline	Commercial Block	2077,446	218,1009	True	9,52516	0,0437	0,55
1	Polyline	Commercial Block	1868,766	211,979	True	8,81581	0,0416	0,52
1	Polyline	Commercial Block	5477,5121	457,7921	True	11,9651	0,0261	0,33
1	Polyline	Commercial Block	2653,0581	235,8622	True	11,2483	0,0477	0,60
1	Polyline	Commercial Block	2850,7978	233,3311	True	12,2178	0,0524	0,66
1	Polyline	Commercial Block	1778,23	212,0846	True	8,38453	0,0395	0,50
1	Polyline	Commercial Block	125,3227	45,2966	True	2,76671	0,0611	0,77
1	Polyline	Commercial Block	1250,1437	176,3188	True	7,09025	0,0402	0,51
1	Polyline	Commercial Block	1999,1163	186,5177	True	10,7181	0,0575	0,72
1	Polyline	Commercial Block	5151,5455	295,1053	True	17,4566	0,0592	0,74
1	Polyline	Commercial Block	4712,0661	306,5956	True	15,369	0,0501	0,63
1	Polyline	Commercial Block	391,8625	85,9035	True	4,56166	0,0531	0,67
1	Polyline	Commercial Block	594,4619	110,0442	True	5,40203	0,0491	0,62
1	Polyline	Commercial Block	201,5028	63,541	True	3,17122	0,0499	0,63
1	Polyline	Commercial Block	265,3923	69,3026	True	3,82947	0,0553	0,69
1	Polyline	Commercial Block	80,2687	35,5672	True	2,25682	0,0635	0,80
1	Polyline	Commercial Block	467,9211	118,8343	True	3,93759	0,0331	0,42
1	Polyline	Commercial Block	164,358	50,5746	True	3,24981	0,0643	0,81
1	Polyline	Commercial Block	740,424	136,531	True	5,42312	0,0397	0,50
1	Polyline	Commercial Block	771,6746	145,2632	True	5,31225	0,0366	0,46
1	Polyline	Commercial Block	706,1092	146,3032	True	4,82634	0,033	0,41
1	Polyline	Commercial Block	323,3388	71,5836	True	4,51694	0,0631	0,79
1	Polyline	Commercial Block	785,423	154,0208	True	5,09946	0,0331	0,42
1	Polyline	Commercial Block	1028,7405	130,1299	True	7,90549	0,0608	0,76
1	Polyline	Commercial Block	776,6492	141,7651	True	5,47842	0,0386	0,49
1	Polyline	Commercial Block	443,1226	83,3179	True	5,31846	0,0638	0,80
1	Polyline	Commercial Block	882,7429	125,5773	True	7,02948	0,056	0,70
1	Polyline	Commercial Block	3189,5804	244,6169	True	13,0391	0,0533	0,67
1	Polyline	Commercial Block	2979,0571	252,0958	True	11,8172	0,0469	0,59
1	Polyline	Commercial Block	3247,0342	346,624	True	9,3676	0,027	0,34
1	Polyline	Commercial Block	1406,9797	168,1063	True	8,36958	0,0498	0,63
1	Polyline	Commercial Block	545,3973	93,6302	True	5,82501	0,0622	0,78
1	Polyline	Commercial Block	667,7415	110,1737	True	6,06081	0,055	0,69
1	Polyline	Commercial Block	3217,1	274,3461	True	11,7264	0,0427	0,54
1	Polyline	Commercial Block	956,4342	220,5606	True	4,33638	0,0197	0,25
1	Polyline	Commercial Block	1746,2441	202,5804	True	8,62001	0,0426	0,53
1	Polyline	Commercial Block	890,0003	228,5849	True	3,89352	0,017	0,21
1	Polyline	Commercial Block	1027,8358	146,9336	True	6,99524	0,0476	0,60
1	Polyline	Commercial Block	570,7643	101,112	True	5,64487	0,0558	0,70
1	Polyline	Commercial Block	1669,4031	173,9305	True	9,5981	0,0552	0,69
1	Polyline	Commercial Block	133,3676	54,9383	True	2,42759	0,0442	0,55
1	Polyline	Commercial Block	584,9092	98,1548	True	5,95905	0,0607	0,76
1	Polyline	Commercial Block	153,293	53,24	True	2,87928	0,0541	0,68
1	Polyline	Commercial Block	7208,9356	699,3809	True	10,3076	0,0147	0,19
1	Polyline	Commercial Block	201,6018	62,4361	True	3,22893	0,0517	0,65
1	Polyline	Commercial Block	151,8248	55,7226	True	2,72465	0,0489	0,61
1	Polyline	Commercial Block	338,3356	75,3637	True	4,48937	0,0596	0,75
1	Polyline	Commercial Block	295,1393	78,9506	True	3,73828	0,0473	0,59
1	Polyline	Commercial Block	1984,4184	216,4065	True	9,16987	0,0424	0,53

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Commercial Block	545,3437	118,1264	True	4,61661	0,0391	0,49
1	Polyline	Commercial Block	454,4706	114,8346	True	3,95761	0,0345	0,43
1	Polyline	Commercial Block	1582,661	176,1173	True	8,9864	0,051	0,64
1	Polyline	Commercial Block	1432,1368	149,5145	True	9,57858	0,0641	0,80
1	Polyline	Commercial Block	1051,5097	135,6187	True	7,75343	0,0572	0,72
1	Polyline	Commercial Block	1143,3298	154,3486	True	7,40745	0,048	0,60
1	Polyline	Commercial Block	10466,6753	492,3621	True	21,2581	0,0432	0,54
1	Polyline	Commercial Block	2301,9953	196,8745	True	11,6927	0,0594	0,75
1	Polyline	Commercial Block	482,0418	89,5253	True	5,38442	0,0601	0,76
1	Polyline	Commercial Block	692,6664	147,127	True	4,70795	0,032	0,40
1	Polyline	Commercial Block	499,6047	91,2566	True	5,47472	0,06	0,75
1	Polyline	Commercial Block	1311,6157	146,2377	True	8,96907	0,0613	0,77
1	Polyline	Frenk Block	2536,8191	348,6292	True	7,27655	0,0209	0,26
1	Polyline	Frenk Block	191,5366	68,7281	True	2,78687	0,0405	0,51
1	Polyline	Frenk Block	3363,2119	245,9708	False	13,6732	0,0556	0,70
1	Polyline	Frenk Block	1897,6847	176,6164	False	10,7447	0,0608	0,76
1	Polyline	Frenk Block	25053,0982	836,078	True	29,965	0,0358	0,45
1	Polyline	Frenk Block	14018,5731	499,9184	True	28,0417	0,0561	0,70
1	Polyline	Frenk Block	2502,6965	207,3717	True	12,0687	0,0582	0,73
1	Polyline	Frenk Block	499,8897	134,5523	True	3,71521	0,0276	0,35
1	Polyline	Frenk Block	1059,5653	177,2383	True	5,9782	0,0337	0,42
1	Polyline	Frenk Block	1155,4007	172,1647	True	6,71102	0,039	0,49
1	Polyline	Frenk Block	946,8621	131,1495	True	7,21972	0,055	0,69
1	Polyline	Frenk Block	1142,535	227,7159	True	5,01737	0,022	0,28
1	Polyline	Frenk Block	2236,2695	284,0068	True	7,874	0,0277	0,35
1	Polyline	Frenk Block	2146,1863	217,8616	True	9,85115	0,0452	0,57
1	Polyline	Frenk Block	602,4778	123,0561	True	4,89596	0,0398	0,50
1	Polyline	Frenk Block	2064,5096	230,5646	True	8,95415	0,0388	0,49
1	Polyline	Frenk Block	949,9331	188,632	True	5,03591	0,0267	0,34
1	Polyline	Frenk Block	732,1266	151,4511	True	4,83408	0,0319	0,40
1	Polyline	Frenk Block	984,2426	181,0802	False	5,4354	0,03	0,38
1	Polyline	Frenk Block	386,0299	96,5677	True	3,99751	0,0414	0,52
1	Polyline	Frenk Block	355,0651	88,2878	True	4,02168	0,0456	0,57
1	Polyline	Frenk Block	2908,3924	284,6561	True	10,2172	0,0359	0,45
1	Polyline	Frenk Block	878,2795	183,1961	True	4,7942	0,0262	0,33
1	Polyline	Frenk Block	1307,8819	257,182	True	5,08543	0,0198	0,25
1	Polyline	Frenk Block	27112,2016	687,3965	True	39,4419	0,0574	0,72
1	Polyline	Frenk Block	12800,8774	447,8993	True	28,5798	0,0638	0,80
1	Polyline	Frenk Block	12733,0674	579,4366	True	21,9749	0,0379	0,48
1	Polyline	Frenk Block	1999,8065	307,3322	False	6,50699	0,0212	0,27
1	Polyline	Frenk Block	1521,0457	196,1003	False	7,75647	0,0396	0,50
1	Polyline	Frenk Block	2216,9741	296,7547	False	7,47073	0,0252	0,32
1	Polyline	Frenk Block	1174,2612	268,6174	False	4,3715	0,0163	0,20
1	Polyline	Frenk Block	1326,7468	262,7914	False	5,04867	0,0192	0,24
1	Polyline	Frenk Block	1136,3029	194,6413	False	5,83793	0,03	0,38
1	Polyline	Frenk Block	2750,4651	278,2009	False	9,88661	0,0355	0,45
1	Polyline	Frenk Block	1630,0972	304,1772	False	5,35904	0,0176	0,22
1	Polyline	Frenk Block	975,327	217,3849	False	4,48664	0,0206	0,26
1	Polyline	Frenk Block	827,3856	182,7358	False	4,52777	0,0248	0,31
1	Polyline	Frenk Block	785,2461	158,2936	False	4,96069	0,0313	0,39
1	Polyline	Frenk Block	757,1611	207,4132	False	3,6505	0,0176	0,22
1	Polyline	Frenk Block	3269,0745	356,9853	True	9,15745	0,0257	0,32
1	Polyline	Frenk Block	1009,6658	194,1263	False	5,20108	0,0268	0,34

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Frenk Block	5387,1252	379,8377	False	14,1827	0,0373	0,47
1	Polyline	Frenk Block	7461,8378	509,5105	False	14,6451	0,0287	0,36
1	Polyline	Frenk Block	1025,1507	199,4813	False	5,13908	0,0258	0,32
1	Polyline	Frenk Block	1750,9484	248,0867	False	7,05781	0,0284	0,36
1	Polyline	Frenk Block	1193,0822	218,6151	False	5,45746	0,025	0,31
1	Polyline	Frenk Block	1450,2413	249,57	False	5,81096	0,0233	0,29
1	Polyline	Frenk Block	1237,2936	228,4241	False	5,41665	0,0237	0,30
1	Polyline	Frenk Block	1489,2409	257,0309	False	5,79402	0,0225	0,28
1	Polyline	Frenk Block	1857,5214	298,5713	False	6,22137	0,0208	0,26
1	Polyline	Frenk Block	11020,846	716,6919	True	15,3774	0,0215	0,27
1	Polyline	Frenk Block	1462,0536	235,944	False	6,19661	0,0263	0,33
1	Polyline	Frenk Block	2710,2467	229,9818	False	11,7846	0,0512	0,64
1	Polyline	Frenk Block	846,5969	212,9034	False	3,97644	0,0187	0,23
1	Polyline	Frenk Block	956,5429	160,0937	False	5,97489	0,0373	0,47
1	Polyline	Frenk Block	1044,5728	218,2876	False	4,78531	0,0219	0,28
1	Polyline	Frenk Block	2891,9789	293,6704	False	9,8477	0,0335	0,42
1	Polyline	Frenk Block	628,8766	132,7386	True	4,73771	0,0357	0,45
1	Polyline	Frenk Block	914,6971	142,133	True	6,4355	0,0453	0,57
1	Polyline	Frenk Block	786,3199	154,661	True	5,08415	0,0329	0,41
1	Polyline	Frenk Block	409,0837	106,696	True	3,83411	0,0359	0,45
1	Polyline	Frenk Block	1542,2917	229,5135	False	6,71983	0,0293	0,37
1	Polyline	Frenk Block	1365,1196	246,8609	True	5,52991	0,0224	0,28
1	Polyline	Frenk Block	2155,1393	254,2042	True	8,47798	0,0334	0,42
1	Polyline	Frenk Block	1883,72	229,1981	True	8,21874	0,0359	0,45
1	Polyline	Frenk Block	1535,3572	237,2446	True	6,47162	0,0273	0,34
1	Polyline	Frenk Block	1361,5033	222,7989	True	6,11091	0,0274	0,34
1	Polyline	Frenk Block	1196,1594	185,4727	True	6,44925	0,0348	0,44
1	Polyline	Frenk Block	2118,9353	254,3243	True	8,33163	0,0328	0,41
1	Polyline	Frenk Block	14563,0893	844,9841	False	17,2347	0,0204	0,26
1	Polyline	Frenk Block	6470,2824	326,1925	True	19,8358	0,0608	0,76
1	Polyline	Frenk Block	4769,1635	342,2378	False	13,9352	0,0407	0,51
1	Polyline	Frenk Block	2461,9775	210,5346	True	11,6939	0,0555	0,70
1	Polyline	Frenk Block	6151,8122	419,23	False	14,6741	0,035	0,44
1	Polyline	Frenk Block	2952,9334	223,4305	True	13,2163	0,0592	0,74
1	Polyline	Frenk Block	5223,4515	291,7965	True	17,901	0,0613	0,77
1	Polyline	Frenk Block	1178,2953	138,4791	True	8,50883	0,0614	0,77
1	Polyline	Frenk Block	1434,6563	151,6115	True	9,46271	0,0624	0,78
1	Polyline	Frenk Block	1905,6956	190,8787	True	9,9838	0,0523	0,66
1	Polyline	Frenk Block	1065,5082	133,0026	True	8,01118	0,0602	0,76
1	Polyline	Frenk Block	3151,7954	253,6876	True	12,4239	0,049	0,62
1	Polyline	Frenk Block	2365,1736	219,7883	True	10,7611	0,049	0,61
1	Polyline	Frenk Block	786,9705	198,5552	False	3,96348	0,02	0,25
1	Polyline	Frenk Block	2576,1276	213,6417	True	12,0582	0,0564	0,71
1	Polyline	Frenk Block	7183,6012	350,093	True	20,5191	0,0586	0,74
1	Polyline	Frenk Block	1360,8565	173,3977	False	7,84818	0,0453	0,57
1	Polyline	Frenk Block	7453,6716	348,8274	False	21,3678	0,0613	0,77
1	Polyline	Frenk Block	4713,5718	290,9626	True	16,1999	0,0557	0,70
1	Polyline	Frenk Block	4447,2851	343,5975	True	12,9433	0,0377	0,47
1	Polyline	Frenk Block	929,1078	155,7125	True	5,96682	0,0383	0,48
1	Polyline	Frenk Block	5676,4151	420,4774	True	13,4999	0,0321	0,40
1	Polyline	Frenk Block	2587,0035	214,7657	True	12,0457	0,0561	0,70
1	Polyline	Frenk Block	2484,0326	217,8383	True	11,4031	0,0523	0,66
1	Polyline	Frenk Block	10852,734	564,1397	True	19,2377	0,0341	0,43

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Frenk Block	5154,3394	366,4113	True	14,0671	0,0384	0,48
1	Polyline	Frenk Block	9129,8651	401,6502	True	22,7309	0,0566	0,71
1	Polyline	Frenk Block	1216,1172	217,0677	True	5,60248	0,0258	0,32
1	Polyline	Frenk Block	1638,2	185,2533	True	8,84303	0,0477	0,60
1	Polyline	Frenk Block	15298,2931	506,9574	True	30,1767	0,0595	0,75
1	Polyline	Frenk Block	9709,2836	418,5051	True	23,1999	0,0554	0,70
1	Polyline	Frenk Block	16653,3032	603,8161	True	27,5801	0,0457	0,57
1	Polyline	Frenk Block	5107,218	313,998	True	16,2651	0,0518	0,65
1	Polyline	Frenk Block	5844,2799	315,4697	True	18,5256	0,0587	0,74
1	Polyline	Frenk Block	9845,1104	401,0031	True	24,5512	0,0612	0,77
1	Polyline	Frenk Block	366,3584	121,3208	True	3,01975	0,0249	0,31
1	Polyline	Frenk Block	2987,1005	220,2514	True	13,5622	0,0616	0,77
1	Polyline	Frenk Block	4007,4215	255,665	True	15,6745	0,0613	0,77
1	Polyline	Frenk Block	4314,6486	295,5539	True	14,5985	0,0494	0,62
1	Polyline	Frenk Block	1852,125	185,1116	True	10,0055	0,0541	0,68
1	Polyline	Frenk Block	1883,7629	196,6345	True	9,58002	0,0487	0,61
1	Polyline	Frenk Block	3200,9089	260,3394	True	12,2951	0,0472	0,59
1	Polyline	Frenk Block	1446,8876	170,2839	True	8,49691	0,0499	0,63
1	Polyline	Frenk Block	1822,1136	179,9208	False	10,1273	0,0563	0,71
1	Polyline	Frenk Block	2397,5593	231,3683	True	10,3625	0,0448	0,56
1	Polyline	Frenk Block	2453,588	201,8316	True	12,1566	0,0602	0,76
1	Polyline	Frenk Block	3489,8627	241,7009	True	14,4388	0,0597	0,75
1	Polyline	Frenk Block	222,8753	60,8733	True	3,6613	0,0601	0,76
1	Polyline	Frenk Block	337,4588	94,2316	True	3,58116	0,038	0,48
1	Polyline	Frenk Block	822,0067	122,7978	True	6,69399	0,0545	0,68
1	Polyline	Frenk Block	790,6727	129,0344	True	6,12761	0,0475	0,60
1	Polyline	Frenk Block	696,259	107,7862	True	6,45963	0,0599	0,75
1	Polyline	Frenk Block	491,7212	106,3593	True	4,62321	0,0435	0,55
1	Polyline	Frenk Block	393,2995	81,1384	True	4,84727	0,0597	0,75
1	Polyline	Frenk Block	282,7442	69,2722	True	4,08164	0,0589	0,74
1	Polyline	Frenk Block	1288,9728	178,6545	True	7,21489	0,0404	0,51
1	Polyline	Frenk Block	1435,0596	175,975	True	8,15491	0,0463	0,58
1	Polyline	Frenk Block	1453,5662	172,0171	True	8,45013	0,0491	0,62
1	Polyline	Frenk Block	1224,9099	155,1894	True	7,893	0,0509	0,64
1	Polyline	Frenk Block	700,7711	106,1215	True	6,60348	0,0622	0,78
1	Polyline	Frenk Block	1235,6008	144,5299	True	8,5491	0,0592	0,74
1	Polyline	Frenk Block	1206,2409	153,8854	True	7,83857	0,0509	0,64
1	Polyline	Frenk Block	749,2124	131,3473	True	5,70406	0,0434	0,55
1	Polyline	Frenk Block	448,9428	86,5873	True	5,18486	0,0599	0,75
1	Polyline	Frenk Block	751,2709	120,6263	True	6,22809	0,0516	0,65
1	Polyline	Frenk Block	1267,5698	160,7072	True	7,88745	0,0491	0,62
1	Polyline	Frenk Block	3175,814	255,8938	True	12,4107	0,0485	0,61
1	Polyline	Frenk Block	2860,0116	249,7297	True	11,4524	0,0459	0,58
1	Polyline	Frenk Block	3181,1161	303,5344	True	10,4802	0,0345	0,43
1	Polyline	Frenk Block	3265,3313	326,742	True	9,99361	0,0306	0,38
1	Polyline	Frenk Block	6921,7985	366,9131	True	18,865	0,0514	0,65
1	Polyline	Frenk Block	596,2253	98,1738	True	6,07316	0,0619	0,78
1	Polyline	Frenk Block	273,7649	74,5932	True	3,67011	0,0492	0,62
1	Polyline	Frenk Block	3156,018	237,9134	True	13,2654	0,0558	0,70
1	Polyline	Frenk Block	1840,5585	191,8327	True	9,5946	0,05	0,63
1	Polyline	Frenk Block	1258,2159	197,1153	True	6,38315	0,0324	0,41
1	Polyline	Frenk Block	397,4418	80,5644	True	4,93322	0,0612	0,77
1	Polyline	Frenk Block	412,1679	103,5637	True	3,97985	0,0384	0,48

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Frenk Block	5320,0191	293,5079	True	18,1256	0,0618	0,78
1	Polyline	Frenk Block	6924,3118	355,4392	True	19,481	0,0548	0,69
1	Polyline	Frenk Block	13619,1758	529,6213	True	25,7149	0,0486	0,61
1	Polyline	Frenk Block	2064,5663	204,2317	True	10,1089	0,0495	0,62
1	Polyline	Frenk Block	358,9083	84,3649	True	4,25424	0,0504	0,63
1	Polyline	Greek Block	2346,4797	275,3993	True	8,52028	0,0309	0,39
1	Polyline	Greek Block	9285,5554	390,5017	True	23,7785	0,0609	0,76
1	Polyline	Greek Block	20705,6637	669,8706	True	30,9099	0,0461	0,58
1	Polyline	Greek Block	7699,8057	351,7099	True	21,8925	0,0622	0,78
1	Polyline	Greek Block	2628,735	244,0115	True	10,773	0,0441	0,55
1	Polyline	Greek Block	1970,0596	185,1572	True	10,6399	0,0575	0,72
1	Polyline	Greek Block	1581,6494	182,3484	True	8,67378	0,0476	0,60
1	Polyline	Greek Block	36464,5181	1297,5357	True	28,1029	0,0217	0,27
1	Polyline	Greek Block	2014,5802	275,8113	True	7,3042	0,0265	0,33
1	Polyline	Greek Block	1188,579	177,5245	True	6,6953	0,0377	0,47
1	Polyline	Greek Block	3215,5051	336,734	True	9,5491	0,0284	0,36
1	Polyline	Greek Block	1356,9737	227,4934	True	5,96489	0,0262	0,33
1	Polyline	Greek Block	3161,9498	270,4995	True	11,6893	0,0432	0,54
1	Polyline	Greek Block	2394,9696	270,587	True	8,85102	0,0327	0,41
1	Polyline	Greek Block	1569,7511	164,3916	True	9,54885	0,0581	0,73
1	Polyline	Greek Block	359,2376	81,892	True	4,38672	0,0536	0,67
1	Polyline	Greek Block	315,6334	72,0607	True	4,3801	0,0608	0,76
1	Polyline	Greek Block	396,3053	96,4784	True	4,10771	0,0426	0,53
1	Polyline	Greek Block	1503,4994	244,3796	True	6,15231	0,0252	0,32
1	Polyline	Greek Block	906,1186	124,0965	True	7,30173	0,0588	0,74
1	Polyline	Greek Block	20762,8129	574,5223	True	36,1393	0,0629	0,79
1	Polyline	Greek Block	325,0106	83,2098	True	3,90592	0,0469	0,59
1	Polyline	Greek Block	14554,6531	543,8047	True	26,7645	0,0492	0,62
1	Polyline	Greek Block	6807,546	618,4936	True	11,0067	0,0178	0,22
1	Polyline	Greek Block	1260,8467	154,8745	True	8,14109	0,0526	0,66
1	Polyline	Greek Block	2917,8467	219,0821	True	13,3185	0,0608	0,76
1	Polyline	Greek Block	2058,9718	182,5265	True	11,2804	0,0618	0,78
1	Polyline	Greek Block	881,4766	134,1249	True	6,57206	0,049	0,62
1	Polyline	Greek Block	812,1448	139,1121	True	5,83806	0,042	0,53
1	Polyline	Greek Block	788,112	126,9599	True	6,20757	0,0489	0,61
1	Polyline	Greek Block	453,8628	100,4657	True	4,51759	0,045	0,56
1	Polyline	Greek Block	1340,1028	147,0335	True	9,11427	0,062	0,78
1	Polyline	Greek Block	855,7858	117,4127	True	7,2887	0,0621	0,78
1	Polyline	Greek Block	764,8921	123,3554	True	6,20072	0,0503	0,63
1	Polyline	Greek Block	1092,6078	139,652	True	7,82379	0,056	0,70
1	Polyline	Greek Block	1486,869	165,6107	True	8,9781	0,0542	0,68
1	Polyline	Greek Block	14706,3166	807,7331	True	18,2069	0,0225	0,28
1	Polyline	Greek Block	13044,0952	494,5286	True	26,3768	0,0533	0,67
1	Polyline	Greek Block	5866,9533	522,8846	True	11,2204	0,0215	0,27
1	Polyline	Greek Block	1916,7538	221,9909	True	8,63438	0,0389	0,49
1	Polyline	Greek Block	6965,1943	581,4395	True	11,9792	0,0206	0,26
1	Polyline	Greek Block	1985,8521	214,8853	True	9,24145	0,043	0,54
1	Polyline	Greek Block	211,6739	60,0964	True	3,52224	0,0586	0,74
1	Polyline	Greek Block	251,91	63,7072	True	3,95418	0,0621	0,78
1	Polyline	Greek Block	384,3489	101,2685	True	3,79535	0,0375	0,47
1	Polyline	Greek Block	1861,7692	189,7929	True	9,80948	0,0517	0,65
1	Polyline	Greek Block	842,0522	130,0506	True	6,4748	0,0498	0,63
1	Polyline	Greek Block	1854,6674	198,4197	False	9,34719	0,0471	0,59

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Greek Block	2006,063	274,8076	True	7,29988	0,0266	0,33
1	Polyline	Greek Block	917,3905	189,366	True	4,84454	0,0256	0,32
1	Polyline	Greek Block	9102,8548	406,4035	True	22,3986	0,0551	0,69
1	Polyline	Greek Block	392,1955	80,183	True	4,89126	0,061	0,77
1	Polyline	Greek Block	656,0033	120,7133	True	5,43439	0,045	0,57
1	Polyline	Greek Block	900,9185	154,7385	True	5,8222	0,0376	0,47
1	Polyline	Greek Block	77,0117	35,1315	True	2,1921	0,0624	0,78
1	Polyline	Greek Block	2769,2809	217,1112	True	12,7551	0,0587	0,74
1	Polyline	Greek Block	2569,7286	300,7362	True	8,54479	0,0284	0,36
1	Polyline	Greek Block	1422,001	234,2015	True	6,0717	0,0259	0,33
1	Polyline	Greek Block	760,748	117,5561	True	6,47136	0,055	0,69
1	Polyline	Greek Block	552,1112	106,1967	True	5,19895	0,049	0,61
1	Polyline	Greek Block	44,2569	28,3097	True	1,56331	0,0552	0,69
1	Polyline	Greek Block	640,7894	104,2371	True	6,14742	0,059	0,74
1	Polyline	Greek Block	2645,6446	227,0144	True	11,6541	0,0513	0,64
1	Polyline	Greek Block	309,799	79,4834	True	3,89766	0,049	0,62
1	Polyline	Greek Block	176,2585	54,1928	True	3,25243	0,06	0,75
1	Polyline	Greek Block	1673,5241	163,8715	True	10,2124	0,0623	0,78
1	Polyline	Greek Block	177,7085	54,4367	True	3,2645	0,06	0,75
1	Polyline	Greek Block	408,4232	106,6411	True	3,82989	0,0359	0,45
1	Polyline	Greek Block	1001,9322	198,1966	True	5,05524	0,0255	0,32
1	Polyline	Greek Block	1864,1062	193,7029	True	9,62353	0,0497	0,62
1	Polyline	Greek Block	4463,5777	282,2914	True	15,812	0,056	0,70
1	Polyline	Greek Block	148,2187	50,5616	True	2,93145	0,058	0,73
1	Polyline	Greek Block	1781,3281	190,9834	True	9,32714	0,0488	0,61
1	Polyline	Greek Block	834,4963	126,73	True	6,58484	0,052	0,65
1	Polyline	Greek Block	79,6187	35,9761	True	2,2131	0,0615	0,77
1	Polyline	Greek Block	762,1484	119,5531	True	6,37498	0,0533	0,67
1	Polyline	Greek Block	5673,4841	430,4976	True	13,1789	0,0306	0,38
1	Polyline	Greek Block	883,9818	134,8599	True	6,55482	0,0486	0,61
1	Polyline	Greek Block	852,3503	123,5823	True	6,89703	0,0558	0,70
1	Polyline	Greek Block	684,5104	102,5462	True	6,67514	0,0651	0,82
1	Polyline	Greek Block	2400,3086	196,1038	True	12,24	0,0624	0,78
1	Polyline	Greek Block	1260,6799	181,7222	True	6,9374	0,0382	0,48
1	Polyline	Greek Block	4662,6972	295,0867	True	15,8011	0,0535	0,67
1	Polyline	Greek Block	1454,1665	170,6093	True	8,52337	0,05	0,63
1	Polyline	Greek Block	1158,5323	137,5869	True	8,42037	0,0612	0,77
1	Polyline	Greek Block	2201,7303	191,8511	True	11,4762	0,0598	0,75
1	Polyline	Greek Block	1985,0546	189,1346	True	10,4955	0,0555	0,70
1	Polyline	Greek Block	3957,0673	276,8033	True	14,2956	0,0516	0,65
1	Polyline	Greek Block	3549,4455	258,6496	True	13,723	0,0531	0,67
1	Polyline	Greek Block	4596,8282	324,8305	True	14,1515	0,0436	0,55
1	Polyline	Greek Block	1427,7833	198,7291	True	7,18457	0,0362	0,45
1	Polyline	Greek Block	2953,8455	282,9968	True	10,4377	0,0369	0,46
1	Polyline	Greek Block	3098,1477	226,833	True	13,6583	0,0602	0,76
1	Polyline	Greek Block	1963,0355	210,6005	True	9,32113	0,0443	0,56
1	Polyline	Greek Block	2225,8008	208,1218	True	10,6947	0,0514	0,65
1	Polyline	Greek Block	4503,6854	296,6712	True	15,1807	0,0512	0,64
1	Polyline	Greek Block	521,0387	106,5715	True	4,8891	0,0459	0,58
1	Polyline	Greek Block	1663,6843	171,3811	True	9,70751	0,0566	0,71
1	Polyline	Greek Block	2981,9225	223,2808	True	13,355	0,0598	0,75
1	Polyline	Greek Block	561,552	108,2574	True	5,18719	0,0479	0,60
1	Polyline	Greek Block	4218,3601	357,718	True	11,7924	0,033	0,41

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Greek Block	1728,7321	186,0003	True	9,29424	0,05	0,63
1	Polyline	Greek Block	668,4584	127,5286	True	5,24164	0,0411	0,52
1	Polyline	Greek Block	1601,0471	180,2771	True	8,88103	0,0493	0,62
1	Polyline	Greek Block	2502,6447	248,6004	True	10,0669	0,0405	0,51
1	Polyline	Greek Block	742,6523	111,1997	True	6,67855	0,0601	0,75
1	Polyline	Greek Block	689,4361	134,1146	True	5,14065	0,0383	0,48
1	Polyline	Greek Block	1665,0906	163,796	True	10,1656	0,0621	0,78
1	Polyline	Greek Block	598,2679	98,3177	True	6,08505	0,0619	0,78
1	Polyline	Greek Block	1814,7517	194,9671	True	9,30799	0,0477	0,60
1	Polyline	Greek Block	938,1522	125,766	True	7,45951	0,0593	0,74
1	Polyline	Greek Block	1472,5896	191,6208	True	7,68492	0,0401	0,50
1	Polyline	Greek Block	1146,1727	144,2913	True	7,94346	0,0551	0,69
1	Polyline	Greek Block	2204,344	194,6667	True	11,3237	0,0582	0,73
1	Polyline	Greek Block	3110,5567	291,5271	True	10,6699	0,0366	0,46
1	Polyline	Greek Block	584,3022	106,0267	True	5,5109	0,052	0,65
1	Polyline	Greek Block	1428,5007	151,5901	True	9,42344	0,0622	0,78
1	Polyline	Greek Block	361,1523	97,5758	True	3,70125	0,0379	0,48
1	Polyline	Greek Block	5645,6831	334,2825	True	16,889	0,0505	0,63
1	Polyline	Greek Block	847,6798	121,4612	True	6,97902	0,0575	0,72
1	Polyline	Greek Block	905,2597	129,6035	True	6,98484	0,0539	0,68
1	Polyline	Greek Block	621,9161	101,8778	True	6,10453	0,0599	0,75
1	Polyline	Greek Block	381,4682	89,1414	True	4,27936	0,048	0,60
1	Polyline	Greek Block	12259,6205	557,1789	True	22,003	0,0395	0,50
1	Polyline	Greek Block	681,0569	140,1243	True	4,86038	0,0347	0,44
1	Polyline	Greek Block	1464,8871	175,516	True	8,34617	0,0476	0,60
1	Polyline	Greek Block	404,2635	87,545	True	4,61778	0,0527	0,66
1	Polyline	Greek Block	4898,261	569,5222	True	8,60065	0,0151	0,19
1	Polyline	Greek Block	1991,0356	202,4496	True	9,83472	0,0486	0,61
1	Polyline	Greek Block	2591,8155	235,1048	True	11,0241	0,0469	0,59
1	Polyline	Greek Block	1892,4873	174,4334	True	10,8493	0,0622	0,78
1	Polyline	Greek Block	4276,8513	270,7425	True	15,7967	0,0583	0,73
1	Polyline	Greek Block	1710,9892	201,7497	True	8,48075	0,042	0,53
1	Polyline	Greek Block	204,3113	61,2283	True	3,33688	0,0545	0,68
1	Polyline	Greek Block	1069,5537	169,2962	True	6,31765	0,0373	0,47
1	Polyline	Greek Block	81,9497	36,4597	True	2,24768	0,0616	0,77
1	Polyline	Greek Block	138,4791	49,4867	True	2,79831	0,0565	0,71
1	Polyline	Greek Block	79,4017	35,7109	True	2,22346	0,0623	0,78
1	Polyline	Greek Block	3638,4371	294,1073	True	12,3711	0,0421	0,53
1	Polyline	Greek Block	6532,1308	432,9081	True	15,089	0,0349	0,44
1	Polyline	Greek Block	5244,9604	296,7091	True	17,6771	0,0596	0,75
1	Polyline	Greek Block	2548,306	224,8614	True	11,3328	0,0504	0,63
1	Polyline	Greek Block	687,427	114,8245	True	5,98676	0,0521	0,65
1	Polyline	Greek Block	11918,2043	561,5253	True	21,2247	0,0378	0,47
1	Polyline	Greek Block	5067,5924	363,3353	True	13,9474	0,0384	0,48
1	Polyline	Greek Block	2537,3255	208,3028	True	12,1809	0,0585	0,73
1	Polyline	Greek Block	7095,2551	358,4227	False	19,7958	0,0552	0,69
1	Polyline	Greek Block	1306,4819	144,7446	True	9,02612	0,0624	0,78
1	Polyline	Greek Block	3081,0812	282,3002	True	10,9142	0,0387	0,49
1	Polyline	Greek Block	9645,9261	661,8649	True	14,5739	0,022	0,28
1	Polyline	Greek Block	2403,74	213,9867	True	11,2331	0,0525	0,66
1	Polyline	Greek Block	1401,1878	157,6907	True	8,88567	0,0563	0,71
1	Polyline	Greek Block	643,198	111,0145	True	5,79382	0,0522	0,66
1	Polyline	Greek Block	317,5299	78,8375	True	4,02765	0,0511	0,64

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Greek Block	1707,7148	167,3723	True	10,2031	0,061	0,77
1	Polyline	Greek Block	453,1816	88,0676	True	5,14584	0,0584	0,73
1	Polyline	Greek Block	392,3539	85,7479	True	4,57567	0,0534	0,67
1	Polyline	Greek Block	1712,8598	196,0251	True	8,73796	0,0446	0,56
1	Polyline	Greek Block	1140,0658	136,7535	True	8,33665	0,061	0,77
1	Polyline	Greek Block	791,2897	171,75	True	4,60722	0,0268	0,34
1	Polyline	Greek Block	1021,8901	163,3923	True	6,25421	0,0383	0,48
1	Polyline	Greek Block	1327,9206	162,2906	True	8,18236	0,0504	0,63
1	Polyline	Greek Block	8145,2584	440,5536	True	18,4887	0,042	0,53
1	Polyline	Greek Block	4472,8131	292,1445	True	15,3103	0,0524	0,66
1	Polyline	Greek Block	2335,2253	258,333	True	9,03959	0,035	0,44
1	Polyline	Greek Block	851,2578	132,3934	True	6,42976	0,0486	0,61
1	Polyline	Greek Block	2440,75	206,2809	True	11,8322	0,0574	0,72
1	Polyline	Greek Block	4466,4646	330,7778	True	13,5029	0,0408	0,51
1	Polyline	Greek Block	1054,8008	137,8368	True	7,65253	0,0555	0,70
1	Polyline	Greek Block	8976,4945	549,4512	True	16,3372	0,0297	0,37
1	Polyline	Greek Block	2566,6752	249,2538	True	10,2974	0,0413	0,52
1	Polyline	Greek Block	1783,7495	177,4685	True	10,0511	0,0566	0,71
1	Polyline	Greek Block	1013,7193	148,3517	True	6,83322	0,0461	0,58
1	Polyline	Greek Block	1304,7701	157,7321	True	8,27206	0,0524	0,66
1	Polyline	Greek Block	5815,183	332,3985	True	17,4946	0,0526	0,66
1	Polyline	Jewish Block	4574,1119	272,1034	True	16,8102	0,0618	0,78
1	Polyline	Jewish Block	2690,9769	275,5547	True	9,76567	0,0354	0,45
1	Polyline	Jewish Block	2571,0034	209,1335	True	12,2936	0,0588	0,74
1	Polyline	Jewish Block	13540,0789	679,6803	False	19,9212	0,0293	0,37
1	Polyline	Jewish Block	1786,2534	219,1127	True	8,15221	0,0372	0,47
1	Polyline	Jewish Block	14150,1839	653,3766	True	21,657	0,0331	0,42
1	Polyline	Jewish Block	9609,3908	416,6016	True	23,0661	0,0554	0,70
1	Polyline	Jewish Block	1602,2875	168,3364	True	9,51837	0,0565	0,71
1	Polyline	Jewish Block	8089,5061	461,6999	True	17,5211	0,0379	0,48
1	Polyline	Jewish Block	5996,1344	334,5824	True	17,9212	0,0536	0,67
1	Polyline	Jewish Block	3469,8526	300,9857	True	11,5283	0,0383	0,48
1	Polyline	Jewish Block	1335,7907	170,7812	True	7,82165	0,0458	0,58
1	Polyline	Jewish Block	3906,046	258,8692	True	15,0889	0,0583	0,73
1	Polyline	Jewish Block	6176,7332	348,6254	True	17,7174	0,0508	0,64
1	Polyline	Jewish Block	21509,6436	777,1483	True	27,6777	0,0356	0,45
1	Polyline	Jewish Block	10104,0808	685,8569	True	14,7321	0,0215	0,27
1	Polyline	Jewish Block	12749,4291	994,6815	True	12,8176	0,0129	0,16
1	Polyline	Jewish Block	15575,6709	1044,7747	True	14,9082	0,0143	0,18
1	Polyline	Jewish Block	7699,2411	625,7938	True	12,3032	0,0197	0,25
1	Polyline	Jewish Block	1903,1855	253,5653	True	7,5057	0,0296	0,37
1	Polyline	Layer2	3318,0496	247,7701	True	13,3916	0,054	0,68
1	Polyline	Layer2	6177,886	436,5089	True	14,1529	0,0324	0,41
1	Polyline	Layer2	1383,3266	221,4231	True	6,24744	0,0282	0,35
1	Polyline	Layer2	5489,7281	302,9304	True	18,1221	0,0598	0,75
1	Polyline	Layer2	2870,5053	259,364	True	11,0675	0,0427	0,54
1	Polyline	Layer2	18427,872	642,0636	True	28,701	0,0447	0,56
1	Polyline	Layer2	1588,9363	170,301	True	9,33016	0,0548	0,69
1	Polyline	Layer2	3488,6331	281,74	True	12,3825	0,0439	0,55
1	Polyline	Layer2	786,8852	125,7841	True	6,25584	0,0497	0,62
1	Polyline	Layer2	464,6617	91,4793	True	5,07942	0,0555	0,70
1	Polyline	Layer2	4053,4821	354,919	True	11,4209	0,0322	0,40
1	Polyline	Layer2	3275,9917	236,9753	True	13,8242	0,0583	0,73

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Layer2	3894,0965	290,8357	True	13,3893	0,046	0,58
1	Polyline	Layer2	2894,3835	265,7747	True	10,8904	0,041	0,51
1	Polyline	Layer2	10158,0805	813,1461	True	12,4923	0,0154	0,19
1	Polyline	Layer2	668,903	107,6552	True	6,21338	0,0577	0,72
1	Polyline	Layer2	2955,8663	246,3043	True	12,0009	0,0487	0,61
1	Polyline	Layer2	8627,0284	391,9441	True	22,0109	0,0562	0,71
1	Polyline	Layer2	1728,7207	233,5116	True	7,40315	0,0317	0,40
1	Polyline	Layer2	6454,7374	347,0135	True	18,6008	0,0536	0,67
1	Polyline	Layer2	4871,4329	359,4311	True	13,5532	0,0377	0,47
1	Polyline	Layer2	9217,1864	410,0536	True	22,478	0,0548	0,69
1	Polyline	Layer2	31125,3988	705,3541	True	44,1273	0,0626	0,79
1	Polyline	Layer2	27639,2031	826,495	False	33,4415	0,0405	0,51
1	Polyline	Layer2	9001,3497	419,8185	True	21,4411	0,0511	0,64
1	Polyline	Layer2	28618,4749	749,8533	True	38,1654	0,0509	0,64
1	Polyline	Layer2	8249,3419	394,93	True	20,8881	0,0529	0,66
1	Polyline	Layer2	6007,6433	316,9774	True	18,9529	0,0598	0,75
1	Polyline	Layer2	3483,2498	319,5617	True	10,9001	0,0341	0,43
1	Polyline	Layer2	6158,0292	365,6777	True	16,84	0,0461	0,58
1	Polyline	Layer2	10364,8394	442,0865	True	23,4453	0,053	0,67
1	Polyline	Layer2	2203,6612	281,3557	False	7,8323	0,0278	0,35
1	Polyline	Layer2	778,5764	137,6777	True	5,65507	0,0411	0,52
1	Polyline	Layer2	1463,5509	189,2891	True	7,73183	0,0408	0,51
1	Polyline	Layer2	897,2019	129,2605	True	6,94104	0,0537	0,67
1	Polyline	Layer2	23470,9528	626,0969	True	37,4877	0,0599	0,75
1	Polyline	Layer2	7142,6243	397,0415	False	17,9896	0,0453	0,57
1	Polyline	Layer2	8540,1677	400,0889	True	21,3457	0,0534	0,67
1	Polyline	Layer2	1561,9338	173,9265	False	8,98042	0,0516	0,65
1	Polyline	Layer2	1298,284	210,2126	False	6,17605	0,0294	0,37
1	Polyline	Layer2	8795,6398	413,6814	False	21,2619	0,0514	0,65
1	Polyline	Layer2	23512,6597	654,0648	False	35,9485	0,055	0,69
1	Polyline	Layer2	11171,6381	456,2105	True	24,4879	0,0537	0,67
1	Polyline	Layer2	4027,0472	335,5977	True	11,9996	0,0358	0,45
1	Polyline	Layer2	3269,4853	278,7604	True	11,7287	0,0421	0,53
1	Polyline	Layer2	6756,4167	569,1407	True	11,8713	0,0209	0,26
1	Polyline	Layer2	875,5389	115,2471	True	7,59706	0,0659	0,83
1	Polyline	Layer2	1368,4528	158,3068	True	8,64431	0,0546	0,69
1	Polyline	Layer2	2647,9006	266,7654	True	9,92595	0,0372	0,47
1	Polyline	Layer2	5069,185	285,4266	True	17,76	0,0622	0,78
1	Polyline	Layer2	24881,2087	646,7943	True	38,4685	0,0595	0,75
1	Polyline	Layer2	1536,5649	224,0267	True	6,85885	0,0306	0,38
1	Polyline	Layer2	1049,9445	144,5095	True	7,26557	0,0503	0,63
1	Polyline	Layer2	120,1826	46,5285	True	2,58299	0,0555	0,70
1	Polyline	Layer2	17984,1647	641,0091	True	28,056	0,0438	0,55
1	Polyline	Layer2	3514,8022	447,9315	True	7,84674	0,0175	0,22
1	Polyline	Layer2	1467,6172	206,6222	True	7,1029	0,0344	0,43
1	Polyline	Layer2	16620,0479	546,0761	True	30,4354	0,0557	0,70
1	Polyline	Layer2	8121,7239	448,4388	True	18,1111	0,0404	0,51
1	Polyline	Layer2	11137,6662	438,075	True	25,4241	0,058	0,73
1	Polyline	Layer2	2257,7086	214,7477	True	10,5133	0,049	0,61
1	Polyline	Layer2	434,4474	88,1214	True	4,9301	0,0559	0,70
1	Polyline	Layer2	3320,107	232,4041	True	14,2859	0,0615	0,77
1	Polyline	Layer2	10422,9354	421,578	True	24,7236	0,0586	0,74
1	Polyline	Layer2	6206,3699	409,0609	True	15,1722	0,0371	0,47

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Layer2	5339,2113	311,4331	True	17,144	0,055	0,69
1	Polyline	Layer2	24383,2897	836,6227	True	29,1449	0,0348	0,44
1	Polyline	Layer2	13326,0608	525,0827	True	25,379	0,0483	0,61
1	Polyline	Layer2	20627,39	606,5591	True	34,0072	0,0561	0,70
1	Polyline	Layer2	55250,8753	1125,6114	True	49,0852	0,0436	0,55
1	Polyline	Layer2	24016,3067	862,8868	True	27,8325	0,0323	0,41
1	Polyline	Layer2	9534,0703	398,2918	True	23,9374	0,0601	0,75
1	Polyline	Layer2	1449,0219	253,8144	True	5,70898	0,0225	0,28
1	Polyline	Layer2	19778,6806	607,9043	True	32,5358	0,0535	0,67
1	Polyline	Layer2	9380,7538	392,1322	True	23,9224	0,061	0,77
1	Polyline	Layer2	27121,2697	498,2877	False	54,4289	0,1092	1,37
1	Polyline	Layer2	25207,3956	642,8066	True	39,2146	0,061	0,77
1	Polyline	Layer2	23531,5375	600,9701	True	39,1559	0,0652	0,82
1	Polyline	Layer2	65696,639	1431,5776	True	45,8911	0,0321	0,40
1	Polyline	Layer2	15981,0554	515,8567	True	30,9796	0,0601	0,75
1	Polyline	Layer2	1960,3287	189,0007	True	10,3721	0,0549	0,69
1	Polyline	Layer2	1115,5156	158,3263	True	7,04567	0,0445	0,56
1	Polyline	Layer2	8544,8756	393,0681	False	21,7389	0,0553	0,69
1	Polyline	Layer2	787,5078	132,4038	True	5,94777	0,0449	0,56
1	Polyline	Layer2	551,2782	97,9612	True	5,62752	0,0574	0,72
1	Polyline	Layer2	498,3427	91,2163	True	5,46331	0,0599	0,75
1	Polyline	Layer2	19331,5672	809,9346	True	23,8681	0,0295	0,37
1	Polyline	Layer2	747,1438	121,4307	True	6,15284	0,0507	0,64
1	Polyline	Layer2	2077,7754	184,1741	True	11,2816	0,0613	0,77
1	Polyline	Layer2	3445,4176	333,0801	True	10,3441	0,0311	0,39
1	Polyline	Layer2	3397,7481	245,3377	True	13,8493	0,0564	0,71
1	Polyline	Layer2	452,6128	113,6343	True	3,98306	0,0351	0,44
1	Polyline	Layer2	669,4966	161,1823	True	4,15366	0,0258	0,32
1	Polyline	Layer2	4601,7181	360,9927	True	12,7474	0,0353	0,44
1	Polyline	Layer2	381,7639	79,044	True	4,82976	0,0611	0,77
1	Polyline	Layer2	1061,0264	221,3671	True	4,79306	0,0217	0,27
1	Polyline	Layer2	3893,9853	245,1914	True	15,8814	0,0648	0,81
1	Polyline	Layer2	5686,9714	340,3271	True	16,7103	0,0491	0,62
1	Polyline	Layer2	12689,7637	487,4866	True	26,031	0,0534	0,67
1	Polyline	Layer2	727,3554	139,26	True	5,223	0,0375	0,47
1	Polyline	Layer2	624,6571	137,5651	True	4,54081	0,033	0,41
1	Polyline	Layer2	2169,585	202,1094	True	10,7347	0,0531	0,67
1	Polyline	Layer2	728,673	153,4646	True	4,74815	0,0309	0,39
1	Polyline	Layer2	912,1748	156,1873	True	5,84026	0,0374	0,47
1	Polyline	Layer2	2093,5279	175,4181	True	11,9345	0,068	0,85
1	Polyline	Layer2	1476,6917	156,0827	True	9,46096	0,0606	0,76
1	Polyline	Layer2	305,1543	71,5121	True	4,26717	0,0597	0,75
1	Polyline	Layer2	1153,9061	144,4003	True	7,99102	0,0553	0,70
1	Polyline	Layer2	8286,8808	460,3674	True	18,0006	0,0391	0,49
1	Polyline	Layer2	1972,0817	192,5449	True	10,2422	0,0532	0,67
1	Polyline	Layer2	3070,1235	257,3225	True	11,931	0,0464	0,58
1	Polyline	Layer2	2286,2753	209,2126	True	10,928	0,0522	0,66
1	Polyline	Layer2	1634,3806	213,8405	True	7,64299	0,0357	0,45
1	Polyline	Layer2	2574,7152	258,2015	True	9,97173	0,0386	0,49
1	Polyline	Layer2	2340,6606	325,9602	True	7,18082	0,022	0,28
1	Polyline	Layer2	4004,1842	363,3448	True	11,0203	0,0303	0,38
1	Polyline	Layer2	1280,769	149,0844	True	8,5909	0,0576	0,72
1	Polyline	Layer2	1228,2999	161,3001	True	7,615	0,0472	0,59

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Layer2	3603,5374	274,7481	True	13,1158	0,0477	0,60
1	Polyline	Layer2	6118,3394	351,1566	True	17,4234	0,0496	0,62
1	Polyline	Layer2	2234,4074	189,0761	True	11,8175	0,0625	0,79
1	Polyline	Layer2	6517,8671	352,2281	True	18,5047	0,0525	0,66
1	Polyline	Layer2	771,2346	127,3142	True	6,05773	0,0476	0,60
1	Polyline	Layer2	3751,2293	266,9063	True	14,0545	0,0527	0,66
1	Polyline	Layer2	83,4134	36,8888	True	2,26121	0,0613	0,77
1	Polyline	Layer2	1227,3857	158,6389	True	7,73698	0,0488	0,61
1	Polyline	Layer2	2052,0241	215,5504	True	9,51993	0,0442	0,55
1	Polyline	Layer2	809,1065	113,8726	True	7,10537	0,0624	0,78
1	Polyline	Layer2	1843,6486	199,7618	True	9,22924	0,0462	0,58
1	Polyline	Layer2	1544,6515	194,1876	True	7,95443	0,041	0,51
1	Polyline	Layer2	1814,7248	228,3892	True	7,94576	0,0348	0,44
1	Polyline	Layer2	3603,8521	312,9674	True	11,5151	0,0368	0,46
1	Polyline	Turkish Block	416,2767	80,279	True	5,18537	0,0646	0,81
1	Polyline	Turkish Block	2391,6066	220,5784	True	10,8424	0,0492	0,62
1	Polyline	Turkish Block	554,2395	102,2208	True	5,42198	0,053	0,67
1	Polyline	Turkish Block	72,2132	34,4703	True	2,09494	0,0608	0,76
1	Polyline	Turkish Block	679,718	112,4343	True	6,04547	0,0538	0,68
1	Polyline	Turkish Block	3106,1995	260,9567	True	11,9031	0,0456	0,57
1	Polyline	Turkish Block	4645,256	370,7862	True	12,5281	0,0338	0,42
1	Polyline	Turkish Block	7807,561	390,2935	True	20,0043	0,0513	0,64
1	Polyline	Turkish Block	677,104	105,9627	True	6,39002	0,0603	0,76
1	Polyline	Turkish Block	720,8181	110,6643	True	6,51356	0,0589	0,74
1	Polyline	Turkish Block	1679,5565	190,6594	True	8,8092	0,0462	0,58
1	Polyline	Turkish Block	413,0044	103,5242	True	3,98945	0,0385	0,48
1	Polyline	Turkish Block	1017,4925	136,2147	True	7,46977	0,0548	0,69
1	Polyline	Turkish Block	5937,695	568,4702	True	10,445	0,0184	0,23
1	Polyline	Turkish Block	511,5143	96,2996	True	5,3117	0,0552	0,69
1	Polyline	Turkish Block	4758,6337	505,0394	True	9,4223	0,0187	0,23
1	Polyline	Turkish Block	177,1343	54,8314	True	3,23053	0,0589	0,74
1	Polyline	Turkish Block	565,4864	105,6057	True	5,3547	0,0507	0,64
1	Polyline	Turkish Block	11058,382	831,8702	True	13,2934	0,016	0,20
1	Polyline	Turkish Block	10023,8101	535,6048	True	18,7149	0,0349	0,44
1	Polyline	Turkish Block	1669,5797	218,2667	True	7,64926	0,035	0,44
1	Polyline	Turkish Block	5951,1873	337,0289	True	17,6578	0,0524	0,66
1	Polyline	Turkish Block	581,4275	118,048	True	4,92535	0,0417	0,52
1	Polyline	Turkish Block	211,0749	57,6509	True	3,66126	0,0635	0,80
1	Polyline	Turkish Block	1468,7614	215,964	True	6,80095	0,0315	0,40
1	Polyline	Turkish Block	1159,9451	141,7281	True	8,1843	0,0577	0,73
1	Polyline	Turkish Block	6774,7256	487,6325	True	13,8931	0,0285	0,36
1	Polyline	Turkish Block	261,3617	65,8641	True	3,9682	0,0602	0,76
1	Polyline	Turkish Block	1620,3573	167,9586	True	9,64736	0,0574	0,72
1	Polyline	Turkish Block	3515,415	341,4762	True	10,2948	0,0301	0,38
1	Polyline	Turkish Block	1533,7017	162,3652	True	9,446	0,0582	0,73
1	Polyline	Turkish Block	3916,6908	415,1966	True	9,43334	0,0227	0,29
1	Polyline	Turkish Block	2678,1339	284,8676	True	9,40133	0,033	0,41
1	Polyline	Turkish Block	272,828	66,3054	True	4,11472	0,0621	0,78
1	Polyline	Turkish Block	1899,1826	252,4894	True	7,52183	0,0298	0,37
1	Polyline	Turkish Block	1437,7177	230,1911	True	6,24576	0,0271	0,34
1	Polyline	Turkish Block	10446,0356	652,2619	True	16,0151	0,0246	0,31
1	Polyline	Turkish Block	4843,5554	460,4286	True	10,5197	0,0228	0,29
1	Polyline	Turkish Block	262,8523	65,4495	True	4,01611	0,0614	0,77

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Turkish Block	766,3156	116,8735	True	6,5568	0,0561	0,70
1	Polyline	Turkish Block	2610,4512	219,7925	True	11,8769	0,054	0,68
1	Polyline	Turkish Block	2268,4	224,0874	True	10,1228	0,0452	0,57
1	Polyline	Turkish Block	3782,653	277,5529	True	13,6286	0,0491	0,62
1	Polyline	Turkish Block	3529,243	367,8479	True	9,5943	0,0261	0,33
1	Polyline	Turkish Block	22554,2639	1134,0169	True	19,8888	0,0175	0,22
1	Polyline	Turkish Block	1209,5652	228,849	True	5,28543	0,0231	0,29
1	Polyline	Turkish Block	1017,7088	128,5769	True	7,91518	0,0616	0,77
1	Polyline	Turkish Block	2944,7225	297,4848	True	9,89873	0,0333	0,42
1	Polyline	Turkish Block	3209,2395	290,8768	True	11,033	0,0379	0,48
1	Polyline	Turkish Block	3292,7386	225,6492	True	14,5923	0,0647	0,81
1	Polyline	Turkish Block	8412,8856	581,5677	True	14,4659	0,0249	0,31
1	Polyline	Turkish Block	1231,49	144,6754	True	8,51209	0,0588	0,74
1	Polyline	Turkish Block	9940,3779	780,6747	True	12,7331	0,0163	0,20
1	Polyline	Turkish Block	2133,2617	206,499	True	10,3306	0,05	0,63
1	Polyline	Turkish Block	3133,4151	266,0928	True	11,7756	0,0443	0,56
1	Polyline	Turkish Block	682,1439	152,5591	True	4,47134	0,0293	0,37
1	Polyline	Turkish Block	241,1532	69,3151	True	3,47909	0,0502	0,63
1	Polyline	Turkish Block	1060,1989	156,2202	True	6,78657	0,0434	0,55
1	Polyline	Turkish Block	719,4705	124,3895	True	5,78401	0,0465	0,58
1	Polyline	Turkish Block	2048,2251	246,6375	True	8,3046	0,0337	0,42
1	Polyline	Turkish Block	809,2499	125,1329	True	6,46712	0,0517	0,65
1	Polyline	Turkish Block	3300,2754	245,6112	True	13,437	0,0547	0,69
1	Polyline	Turkish Block	796,8561	130,9283	True	6,0862	0,0465	0,58
1	Polyline	Turkish Block	403,3329	86,6623	True	4,65408	0,0537	0,67
1	Polyline	Turkish Block	1221,9005	211,7252	True	5,77116	0,0273	0,34
1	Polyline	Turkish Block	14128,9708	1162,1699	True	12,1574	0,0105	0,13
1	Polyline	Turkish Block	4299,6988	367,179	True	11,7101	0,0319	0,40
1	Polyline	Turkish Block	2512,7014	347,3372	True	7,23418	0,0208	0,26
1	Polyline	Turkish Block	1985,6621	272,6588	True	7,28259	0,0267	0,34
1	Polyline	Turkish Block	697,0902	111,1639	True	6,27083	0,0564	0,71
1	Polyline	Turkish Block	5647,2589	639,8585	True	8,82579	0,0138	0,17
1	Polyline	Turkish Block	481,4933	94,852	True	5,07626	0,0535	0,67
1	Polyline	Turkish Block	2096,2786	322,1608	True	6,50693	0,0202	0,25
1	Polyline	Turkish Block	1004,0509	169,9614	True	5,90752	0,0348	0,44
1	Polyline	Turkish Block	5407,4568	453,2599	True	11,9301	0,0263	0,33
1	Polyline	Turkish Block	7772,6236	580,1709	True	13,3971	0,0231	0,29
1	Polyline	Turkish Block	6241,3645	443,7943	True	14,0636	0,0317	0,40
1	Polyline	Turkish Block	28792,9254	1372,1852	True	20,9833	0,0153	0,19
1	Polyline	Turkish Block	3996,0344	471,4051	True	8,47686	0,018	0,23
1	Polyline	Turkish Block	10971,0563	959,628	True	11,4326	0,0119	0,15
1	Polyline	Turkish Block	12648,4354	610,3613	True	20,7229	0,034	0,43
1	Polyline	Turkish Block	24289,582	1399,0117	True	17,362	0,0124	0,16
1	Polyline	Turkish Block	2574,578	280,8477	True	9,16717	0,0326	0,41
1	Polyline	Turkish Block	432,4649	98,6459	True	4,38401	0,0444	0,56
1	Polyline	Turkish Block	5192,5912	417,9616	True	12,4236	0,0297	0,37
1	Polyline	Turkish Block	7168,6036	631,2115	True	11,3569	0,018	0,23
1	Polyline	Turkish Block	576,1149	105,1671	True	5,47809	0,0521	0,65
1	Polyline	Turkish Block	381,8046	81,3762	True	4,69185	0,0577	0,72
1	Polyline	Turkish Block	493,2203	98,9802	True	4,98302	0,0503	0,63
1	Polyline	Turkish Block	1227,9698	149,132	True	8,23411	0,0552	0,69
1	Polyline	Turkish Block	8274,7047	469,531	True	17,6233	0,0375	0,47
1	Polyline	Turkish Block	5902,9976	328,5331	True	17,9677	0,0547	0,69

Table C.1. (cont.) Data Spreadsheets for Building Blocks

Cou	Name	Layer	Area	Perimeter	Closed	A/P	A/P2	4p(A/P2)
1	Polyline	Turkish Block	1138,4773	142,1935	True	8,00654	0,0563	0,71
1	Polyline	Turkish Block	12784,9056	758,3649	True	16,8585	0,0222	0,28
1	Polyline	Turkish Block	166,0623	50,8145	True	3,26801	0,0643	0,81
1	Polyline	Turkish Block	3020,361	222,9499	True	13,5473	0,0608	0,76
1	Polyline	Turkish Block	1567,973	173,3899	True	9,04305	0,0522	0,66
1	Polyline	Turkish Block	1681,4609	163,6635	True	10,2739	0,0628	0,79
1	Polyline	Turkish Block	10688,0893	993,5807	True	10,7571	0,0108	0,14
1	Polyline	Turkish Block	936,5389	130,2888	True	7,18818	0,0552	0,69
1	Polyline	Turkish Block	904,4535	135,4033	True	6,6797	0,0493	0,62
1	Polyline	Turkish Block	3651,6512	303,383	True	12,0364	0,0397	0,50
1	Polyline	Turkish Block	7437,5642	392,9145	True	18,9292	0,0482	0,61
1	Polyline	Turkish Block	1282,8413	147,5536	True	8,69407	0,0589	0,74
1	Polyline	Turkish Block	2216,758	274,4463	True	8,0772	0,0294	0,37
1	Polyline	Turkish Block	1291,1117	182,1436	True	7,08843	0,0389	0,49
1	Polyline	Turkish Block	1185,181	182,4618	True	6,4955	0,0356	0,45
1	Polyline	Turkish Block	1242,9261	144,4438	True	8,60491	0,0596	0,75
##		**TOTAL**	**2890981,13**	**199061,61**				
		MEAN	**3813,95927**	**262,61427**		**10,5948**	**0,0455**	**0,57131**

VITA

Sabri Alper was born in Alaşehir, Manisa in 1975. He studied architecture at the Department of Architecture in Middle East Technical University and University of Newcastle-upon-Tyne, School of Architecture. He received his Master's Degree in urban design from Izmir Institute of Technology with his thesis entitled "Dynamic Visualization of Urban Environments in Piecemeal Growth". He made his doctoral studies in city planning and has carried on Ph.D research on "urban morphology" in Izmir Institute of Technology - Faculty of Architecture where he also worked as a research and teaching assistant. He is currently practicing architecture as a partner of an architectural design office and teaching as a part-time lecturer in the Faculty of Fine Arts and Design in Izmir University of Economics. His research interests include computer-aided design, design technologies, urban design, design theory, and urban morphology.