INVESTIGATING THE FACTORS OF UNDERGRADUATE STUDENTS SUPPORT FOR AI UTILISATION

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DEDICATION

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LIST OF ABBREVIATIONS

AI	Artificial Intelligence
FFM	Five Factor Theory
TAM	Technology Acceptance Model
TRA	Theory of Reasoned Action
MBTI	Myers-Briggs Type Indicator
IQ	Information Quality
KU	Knowledge and Understanding
AV	Attitudes and Values
ABP	Activity, Behaviour, and Progression
GLOs	Generic Learning Outcomes
AU	Acceptance and Use
SIS	Student Information System
SPSS	Statistical Package Social Science
MCQ	Multiple Choice Question
ANOVA	Analysis of Variance

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PREFACE

This research aims to investigate the factors influencing undergraduate students' support for AI utilisation, particularly focusing on personality traits, creativity, and information quality. The rapid advancement of AI technologies and their integration into various educational tools has prompted significant changes in the learning landscape. As students increasingly rely on AI for academic assistance, it becomes crucial to understand the factors that drive their acceptance and support for these technologies.

The inspiration for this study stemmed from our observation of the growing presence of AI in educational settings and its potential to transform traditional learning methods. By exploring the factors that influence students' support for AI, we hope to provide insights that can guide educators, undergraduate students and AI developers in fostering a more effective and supportive learning environment.

We would like to express our gratitude to our supervisor, Dr. Seow Ai Na, for their guidance and support throughout this research. We also extend our thanks to the respondents who participated in our survey, and to our families and friends for their unwavering encouragement.

This study is structured into five chapters, beginning with an introduction to the research topic, followed by a review of relevant literature, a detailed explanation of the research methodology, an analysis of the results, and finally, a discussion of the implications and conclusions drawn from the study.

We hope that this research will contribute to the ongoing dialogue on the role of AI in education and provide valuable insights for those interested in the intersection of technology and learning.

ABSTRACT

This study investigates the factors that influence undergraduate students' support for AI utilisation, focusing on personality traits, creativity, and information quality. As AI becomes increasingly integrated into educational practices, understanding the determinants of student support for AI is crucial for enhancing learning outcomes and guiding the effective implementation of AI tools in academic settings.

The research employs a quantitative approach, utilising a structured questionnaire to gather data from 400 undergraduate students across various public universities and private universities in Selangor, Kuala Lumpur, and Perak. The study applies the Big Five Personality Traits, Divergent Thinking Theory, and Technology Acceptance Model (TAM) to explore the effects of the independent variables (personality traits, creativity, and information quality) on the dependent variable (support for AI utilisation).

The findings reveal that all three independent variables significantly influence students' support for AI, with creativity having the strongest impact, followed by information quality and personality traits. These results suggest that fostering creativity and ensuring high-quality, relevant, and reliable AI-generated information are key to gaining student support for AI tools in education.

The study concludes with recommendations for educators to integrate AI thoughtfully into curricula and for AI developers to focus on creating tools that meet the evolving needs of educational environments. The implications of this research are significant for the future of AI in education, as it provides insights into how students' support can be harnessed to improve educational outcome

CHAPTER 1: INTRODUCTION

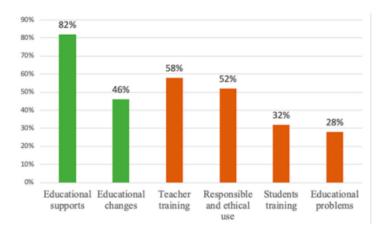
1.0 Introduction

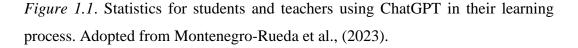
Chapter 1 briefly introduces this study and discusses why it was conducted, its variables, and how they affect the topic. First, we will point out the study background. Next, the problem statement will be noted, followed by the research objectives and questions. Besides, there will be a further discussion of the significance of this study, the chapter layout, and a summary of Chapter 1.

1.1 Research Background

Artificial intelligence (AI) refers to a digital machine's ability to perform tasks that are typically performed by humans with intelligence. Its integrated technologies are classified into several categories, including computer vision, speech, machine learning, big data, and natural language processing. The exponential expansion of AI has led to profound changes in social interaction, communications, life, study, and work (Chiu et al., 2023). Nowadays, the influences of AI are becoming significant with far-reaching implications on the healthcare sector, financial industry, law, manufacturing, and entertainment (Salas -Pico & Yang , 2020). Moreover, AI applications have been successful in many different sectors. These involve face recognition, automation, intelligent smart sensors for photo taking, speech recognition and translation, object tracking, automated driving, and others (Friedrich et al., 2021). The use of AI is also emerging in education, and a great deal of research is being conducted on the utilisation of AI in intelligent tutoring systems, personalised learning, assessment design, and learning analytics (Salas-Pico & Yang, 2020). In education, AI technologies such as intelligent tutoring systems, chatbots, robots, ChatGPT, and automated assessment tools are used in all digital formats to support and enhance the educational process. AI in education also has excellent potential to improve learning outcomes, pedagogy, assessment practices, and academic management. It facilitates personalised and adaptive student learning experiences, promotes educators' more profound understanding of students' learning processes, and enables on-demand access to machine-supported queries and instant feedback, regardless of time or location (Chiu et al., 2023).

Nowadays, undergraduate students, the individuals currently studying a bachelor's degree programme in university, increasingly turn to AI for academic assistance. According to Figure 1.1, 82% of students and teachers found ChatGPT helpful in learning. The statistics prove that students frequently use AI, and a large percentage rely on AI tools and platforms for various educational activities.





These activities include conducting research, accessing online learning resources, utilising AI-powered tutoring systems, and using AI-based assessment tools. These data highlight the increasing integration of AI with higher education and its role in shaping the modern learning experience for undergraduate students (Montenegro-Rueda et al., 2023).

1.2 Problem Statement

Today, the rapidly advancing landscape of AI continuously enhances the efficiency and convenience of people's lives (Anderljung & Hazell, 2023). In the ideal scenario, AI should coexist seamlessly with humans, and function as a crutch which is a dependable assistant.

However, the negative impacts of AI are increasingly evident, particularly misuse by some students, raising concerns among educational institutions and schools. As a result, these institutions have implemented proactive measures to address and mitigate these issues. Many colleges and universities worldwide have swiftly reevaluated their plagiarism policies and taken steps to restrict their students' access to AI tools. According to Chan (2023), eight prestigious universities within the UK's Russell Group, including Oxford and Cambridge, have classified using AI bots for assignments as academic misconduct. Besides, the New York City Department of Education announced a ban on students using Chat GPT for plagiarism.

Aside from those educational departments and universities policies, some of the celebrities deliver their concern regarding these AI tools application. In April 2023, several prominent figures, including Musk, Stability AI CEO Emad Mostaque, Turing Award laureate Yoshua Bengio, and others, signed a joint statement. The letter expressed concerns about AI systems' possible societal and humanitarian impacts that rival human intelligence (Samuel, 2023). Consequently, they vacated a six-month moratorium on using AI technology and urged discontinuing the development of large models such as GPT-5.

However, Malaysia remains neutral on one of the famous AI tools, Chat GPT. Fam (2023) mentioned that the Higher Education Minister of Malaysia declared that the

government would not prohibit students from using ChatGPT in local institutes of higher education.

Due to no explicit prohibition, Malaysia's undergraduate students have the autonomy to adopt AI in their study. Personality becomes critical in determining whether to adopt it. This can be further explained by Kaya et al. (2022), who stated that personality traits significantly contribute to technology adoption and acceptance. The different viewpoints among students have prompted people to meditate on whether AI should be integrated into undergraduate education.

Furthermore, the misuse and reliance on AI have damaged some students' creativity, especially their creative writing skills. Over time, it weakens their critical thinking skill, and ultimately, they lose their problem-solving capacity in learning (Shidiq, 2023).

Moving on, the accuracy of AI-generated content is also often questioned. "Hallucination effect" makes the AI-generated but incorrect content seem reliable (Wahid et al., 2023). Sometimes, there will be a mismatch between the learner's requirements and AI-generated content. The deviations are caused by AI content's general nature rather than focusing on a specific area. Hence, the uncertain quality of AI-generated content raises student concerns about whether AI should be banned or supported in their academics.

AI adoption in undergraduate students' studies has the potential to reform Malaysia's undergraduate education sector, including student's learning methods. It can contribute to study effectiveness or distort the nature of education. By referring to past studies, many scholars have taken the initiative of utilising various frameworks with support to utilisation of AI in higher education. Wang et al. (2023)

has significantly found the roles of AI in education for international students can affect supportiveness for AI utilisation such as personalised learning experiences, adaptive testing, predictive analytics, and chatbots for learning and research. Labrague et al. (2023) focused their findings on the students' nurses attitudes, perceived utilisation, and intention to affect their supportiveness to adopt the AI in nursing practices. Tian et al. (2024) investigating the students' attitudes, satisfaction, and behavioural intentions that can positively affect supportiveness for using AI Chatbots in academic purposes.

On these bases, we further investigate the factors that affect undergraduate students' support for using artificial intelligence. A theoretical model has been developed and analysed using statistical data to comprehend the personality traits, creativity, and information quality that affect undergraduate students' support for AI utilisation in their learning process. This finding could spire further research into this study area, mainly undergraduate students' support for using artificial intelligence in learning.

In undergraduate education, students not only obtain the specialised skills and knowledge to prepare for professional occupations or further academic pursuits, but also assist in developing their critical thinking, research abilities, and analytical skills (Gray Group International, 2024). Hou et al. (2024) discovered that the presence of undergraduate students is essential for promoting the use of AI in their academic pursuits. In truth, 70.2% of college students utilise AI tools regularly, hourly, or daily for their academic studies. This statistic underscores the high frequency of AI tool usage among undergraduates and highlights their substantial engagement with these technologies. This makes them the ideal target population for understanding supportiveness for AI utilisation.

1.3 Research Objective

1.3.1 General Objective

This study aims to identify the factors that may affect undergraduate students' support for using artificial intelligence (AI).

1.3.2 Specific Objectives

These are the specific objectives from the stated general objectives are as follows:

1. To determine whether personality traits significantly affect undergraduate students' use of artificial intelligence (AI).

2. To determine whether creativity significantly affects undergraduate students' use of artificial intelligence (AI).

3. To determine whether information quality significantly affects undergraduate students' use of artificial intelligence (AI).

1.4 Research question

The research will be guided by three questions, each of which will be explained. The questions are as follows:

1. To what extent do personality traits affect support for AI utilisation among undergraduate students?

2. To what extent does creativity affect support for AI utilisation among undergraduate students?

3. To what extent does information quality affect support for AI utilisation among undergraduate students?

1.5 Significance of the Study

This study is significant as it reflects the transformative role of AI in education, beneficials for both undergraduate students, educators, developers, academic institutions, and corporations. By showing that 70.2% of undergraduate students use AI tools for academic support actively, this research highlights AI's capacity to enhance personalised learning and academic results. For educators, they will gain insights into integrating AI into teaching methods to create more effective learning environments. Besides, it also guides AI developers to better comprehend the need for accurate and relevant tools, fostering continuous improvement. Furthermore, the findings suggest that AI's integration into education aligns academic outcomes with industry needs, preparing a more skilled workforce.

1.6 Chapter Layout

Chapter 1 consists of 8 subtopics, beginning with a chapter introduction followed by the study background and problem statement. Additionally, the chapter will outline the desired research objectives and the research questions. The significance of the study will also be explained before the chapter layout and summary.

Chapter 2 contains 6 subtopics, mainly reviewing the literature conducted by different researchers. It begins with an intro to the chapter, followed by a brief description of the grounded theory that will be applied in further discussion. This is followed by a literature study, which discusses those variables using secondary data. These analyses and data are mainly from journal articles. In addition, a conceptual framework is included, which analyses the links between the variables. Finally, the chapter continues with a discussion of hypothesis formulation and concludes with a chapter summary.

Chapter 3, research methodology, describes how a quantitative study will be conducted. To collect information and data for the study, the target audience will be surveyed through questionnaires. This chapter includes 9 subtopics: introduction, research design, data collection techniques, sample design, research instrument, constructing measurements, data processing, data analysis, and chapter summary. Chapter 4 focuses on the results and analyses derived from the questionnaires and analyses the entire study using the SPSS Statistics software. This chapter consists of 4 components: descriptive analysis, scale measurement, inferential analysis, and conclusion.

Chapter 5: Implications and Conclusion. The chapters serve as a comprehensive summary of the entire study, aiming to validate the research aims and hypotheses with input from researchers. We address the concerns identified during the process and offer relevant recommendations to all readers, ensuring they can avoid similar limitations when pursuing further research on this subject.

1.7 Chapter Summary

Overall, this study pointed out the factors that may affect undergraduate students' support for artificial intelligence (AI) utilisation. The three factors that will focus on are personality traits, creativity, and quality of information. Chapter 1 briefly discussed the contexts and factors that affect undergraduate students' support for AI. The next chapter will refer to numerous literature reviews for a more detailed discussion.

CHAPTER 2: LITERATURE REVIEW

2.0 Introduction

This chapter will assess and discuss prior studies on this topic. Section 2.1 discusses the grounded theory relevant to this study. Section 2.2 presents the dimensions of the dependent and independent variables identified in Chapter 1. Section 2.3 analyses the conceptual framework based on the research objectives. Section 2.4 points out the study hypothesis and Section 2.5 concludes the chapter.

2.1 Underlying theories

This study selected 3 theories: Big Five Personality Theory, Divergent Thinking Theory, and Technology Acceptance Model to describe the supportiveness of AI utilisation.

Big Five theory is widely used in personality-related research, also known as the five-factor model (FFM) of personality traits. The history of the theory can be traced back to Galton, who suggested that individual differences are reflected in language. Allport and Odbert found that approximately 4500 words can describe personality traits. Cattell further condensed this list to 35 personality variable clusters, which formed 12 factors when factors were analysed. Tupes and Christal consistently found a five-factor model: Surgency, Agreeableness, Dependability, Emotional Stability, and Culture. Finally, Goldberg coined the "Big Five" to describe this model. The Five Broad Personality traits emerged as openness, conscientiousness,

extraversion, agreeableness, and neuroticism (Feher & Vernon, 2021). Azzahra et al. (2024) claimed that these personality traits are relatively stable and lead to different perceptions and values in response to situations.

Openness refers to a personality attribute that refers to a willingness to explore new things. Conscientiousness motivates individuals to take action to achieve goals. Extraversion occurs when a person enjoys frequent interpersonal contact and appears to be more energetic and enthusiastic. Agreeableness reflects an individual capable of prioritising social harmony and getting along with others (Azzahra et al., 2024). Neuroticism refers to an individual's emotional stability; high-neurotic individuals are emotionally unstable and more likely to have psychological diseases like depression and anxiety (Gao et al., 2020).

Divergent thinking theory, a theory proposed by Joy Paul Guilford in the 1960s, emphasising the several ideas generation. It is also known as lateral thinking, a critical component of creativity that encourages individuals to take into account various potential solutions, promoting unconventional and innovative viewpoints. Those diverse ideas enhance individuals' ability to deal with challenging circumstances, leading to effective problem-solving (Kalansooriya, 2023). It is usually generated by brainstorming and a stream-of-consciousness proclivity to think beyond the box to gain solutions and beneficial outcomes (Afunugo, 2023).

Divergent Thinking Theory proposes that originality, fluency, and adaptability encourage creative thinking and problem resolution. Originality refers to the ability to come out with new and original ideas; fluency means being capable of generating multiple ideas or problem solutions promptly; and flexibility means being capable of proposing a few approaches to a particular problem simultaneously (Putra et al., 2022).

Moreover, the Technology Acceptance Model (TAM) is mostly applied to identify and analyse factors that may affect individual technology adoption (Billanes & Enevoldsen, 2021). It was proposed by Fred Davis in 1989 and refers to the Theory of Reasoned Action (TRA) commenced by Fishbein and Ajzen as a ground. At the beginning, TRA was developed as a model to predict and explain the actual behaviour of an individual (Rahman et al., 2021). Afterwards, TAM was found as a powerful model for predicting individual acceptance and usage of technology.

TAM posits that perceived usefulness and ease of use are the 2 main factors that determine an individual's intention to use a technology, which in turn influences actual usage behaviour (Wicaksono & Maharani, 2020). According to TAM, perceived usefulness refers to how individuals believe technology may increase performance and efficiency; perceived ease of use is an individual's confidence in utilising technology that is able to reduce his or her effort. Sulaiman et al. (2023) mentioned that information quality is considered as an important determinant of both perceived ease of use and usefulness of the information used.

2.2 Literature Review

2.2.1 Dependant variables - Support for AI Utilisation

AI is the computer system's ability to match the human brain's behaviour, including the reception of information in the form of external data, and the learning achieved through training (Montenegro-Rueda de et al., 2023). AI has gained popularity and occupies a place of leadership in medicine, robotics, education, and autonomous driving.

Another author, Gonzalez-Calatayud et al. (2021) defined AI as an artifact that can take data from its surroundings to act rationally and independently, even in an uncertain environment. According to many researchers, artificial intelligence (AI) will be one of the most beneficial technologies of the future when partnered with other technologies like robotics, virtual reality, 3D printing, and networks.

Moreover, support for AI utilisation for student learning is ubiquitous and reputationally significant in higher education. Consequently, it is essential to determine whether the support for AI utilisation affects students (Lane et al., 2019). The various AI applications that students support to use in their academic studies, especially with the famous ChatGPT tools, personalised learning tools, robots, chatbots, and adaptive learning tools (Igbokwe, 2023).

Three dimensions support utilisation: mindsets, self-management, and academic capabilities. Mindset refers to the fundamental beliefs around intelligence, ability, and motivation people have about the nature of the human condition, and it frames the running account that takes place in people's heads. Self-management is demonstrated by students who manage their time effectively, use goals to drive motivation, identify and use their learning strategies, and proactively manage their physical and social environment to ensure learning effectiveness. Academic capabilities refer to the knowledge and skills associated with a student's study area and generic academic learning (Lane et al., 2019).

We align with Lane et al. 's dimensions of support for AI utilisation in education. This approach reflects a holistic approach to leveraging technology for enhanced learning outcomes by fostering a growth mindset, promoting self-management skills, and cultivating academic capabilities. Public and private institutions can empower undergraduate students to harness AI's potential as a tool for personalised, adaptive, and impactful learning experiences.

2.2.2 Independent variables - Personality traits

Wang et al. (2024) defined personality traits as an integral aspect of an individual, which reflects the enduring consistency patterns. Even in diverse situations and periods, the thoughts and emotions of an individual always mirror stability and consistency. These consistent perception, thinking, and behaviour patterns shape Page 13 of 161

individuals' unique characteristics (Liu et al., 2021). Due to the enduring characteristics being more likely to reflect a person's motives, needs, values, preferences, and attributes, researchers have conducted numerous studies over the decades to understand the impacts of personality traits, particularly when forecasting human behaviours.

The earlier research found that individual personality is an inborn nature that would not change over time (Muhammad Musa & Gashayie, 2021). Nonetheless, recent research overturned this statement and proved that personality traits serve as an individual's dynamic characteristics that are both moderately stable and malleable. It may shift in response to specific experiences throughout an individual's life (Bleidorn et al., 2021).

Among numerous previous studies, the Big Five model, also known as the Five-Factor Model (FFM), is widely accepted for describing personality traits. The model consists of five dimensions: openness, conscientiousness, extraversion, agreeableness, and neuroticism (Angelini, 2023). Openness refers to an individual's intellectual curiosity, open-mindedness, inventiveness, independence, novelty, and diversity. Conscientiousness is demonstrated by an individual's exactness, discipline, organisation, adherence to principles and standards, and hard work toward achievement. Extraversion correlates with the frequency and degree of social interactions. It is characterised by an individual's more assertive sociability, talkativeness, and self-confidence. Agreeableness implies an individual's cooperativeness, compassion, tolerance, and forgiveness towards others while avoiding competitiveness, conflict, and employing force. Lastly, neuroticism is an individual's emotional instability and impulsive behaviour. This group of people commonly has higher negative sentiments and worries.

There are many other models to explain personality traits. Some other studies applied the HEXACO Model (an extension of the Big Five model with an additional dimension—honesty and humility) (Zettler et al., 2020). In recent years, the Myers-Briggs Type Indicator (MBTI) has also become an emerging model. However, we

chose to apply the Big Five to this study as its comprehensiveness and conciseness conclude individual differences.

2.2.3 Independent variables - Creativity

Henriksen et al. (2021) stated that creativity is a critical concept widely adopted across disciplines in academic work, policy frameworks, and practise. A tentative new unity is emerging between different understandings of creativity and interdisciplinary and hybrid approaches to creativity, design, and technology.

Furthermore, Long et al. (2022) stated that creativity is generally defined as the ability to create original and valuable things. In education, creativity, along with critical thinking, communication, and collaboration, is recognised as one of the skills that are essential for deeper learning, with a focus on transferring and applying knowledge to solve problems.

The researchers also found that creativity is an integrated unit of subjective and objective factors that lead to the realisation of new production and valuable assets from the individual and the group that contribute to finding new solutions to problems and approaches (Mohammed Yousif et al., 2020). The researchers identified three dimensions: originality, fluency, and flexibility. One of the essential elements of creativity is originality, which is the ability of the individual to present new ideas that benefit others and not duplicate them. Fluency is the ability of the individual to generate the most significant amount of ideas that fit a situation within a short period. Flexibility indicates the individual's ability to think in various ways and deal with problems in diverse dimensions (Mohammed Yousif et al., 2020).

Based on numerous previous studies, we agree with Mohammed Yousif et al. (2020) that by recognising the different dimensions, which are originality, fluency, and flexibility in educational policies and practises, the education industry can nurture

a generation of students who are not only knowledgeable but also creative, adaptable, and capable of making meaningful contributions to society.

2.2.4 Independent variables - Information quality

Nowadays, information quality is highly valued across sectors since it is considered one of the critical determinants of customer satisfaction and decision-making. Lowquality information can lead to substantial business losses. Many businesses have adopted information systems and data warehouses to generate accurate, reliable, and timely information (Patma et al., 2021). Especially in the healthcare industry, which needs to make decisions under time pressure, accuracy and timely information are essential to patient care and treatment. Information quality is subjective, which depends on users' judgement of whether the information matches their needs and usage intention (Jiang et al., 2021).

Moreover, it has received increasing scholars' attention (Xie et al., 2022). Based on Dadzie et al. (2021), information quality (IQ) is defined as the information's suitability for use or the value it offers the user. Another researcher, Gutiérrez et al. (2022), claimed that information quality may be defined as the appropriateness of a given piece of information for a particular purpose. Moreover, it can be defined from two perspectives (producer and consumer) that should be able to conform to specifications and satisfy consumer expectations (Hwang et al., 2023).

It is also recognised as multidimensional. As a result, different researchers have measured information quality with diverse dimensions in past studies. According to Zrnec et al. (2022), the study explained information quality using four dimensions: accuracy, completeness, objectivity, and representation. At the same time, another research study (Liu et al., 2023) defined seventeen attributes that help comprehend information quality better. Among the studies, we refer to the study from Naeem et al. (2022) to determine the information quality dimensions.

The study proposed four dimensions for information quality: accuracy, timeliness, relevancy, and completeness. Accuracy refers to the information being free of error. Timeliness means the information is obtained promptly. Relevancy is the degree to which the information is relevant to the given tasks. Completeness ensures that the information is obtained entirely. These four dimensions will be applied in this study to understand the information quality better.

2.3 Proposed Conceptual Framework

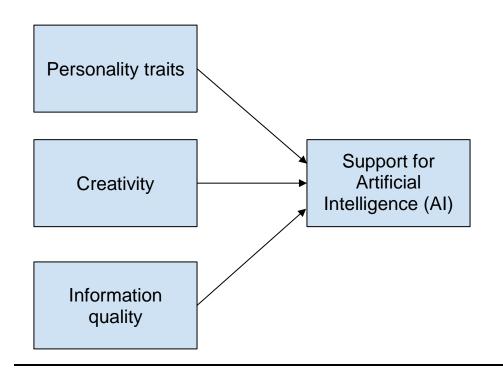


Figure 2.1 Proposed Conceptual Framework.

Figure 2.1 shows a proposed conceptual framework in this study, which aims to illustrate the factors affecting undergraduate students' support for AI utilisation. Support for AI utilisation is viewed as a dependent variable that might be affected

by the three independent variables: personality traits, creativity, and information quality. Three theories have been applied to support the proposed framework.

Personality traits are the first factor that can lead to the supportiveness for AI utilisation. It comprises five dimensions: openness, conscientiousness, extraversion, agreeableness, and neuroticism. Chuah et al. (2021) found that individuals with high openness tend to be more willing to engage with AI. Conversely, high neuroticism individuals are less inclined to trust AI (Sharan & Romano, 2020). These statements can be supported by the Big Five theory, which explains that different personality traits cause different insights into AI adoption.

Creativity is the second factor composed of originality, fluency, and flexibility. Drawing from the Divergent Thinking Theory, Handayani et al. (2021) stated that highly creative individuals tend to generate innovation and unique ideas (originality), come up with a wide variety of solutions (fluency), and adapt their thinking to varied circumstances (flexibility).

In addition, information quality includes dimensions such as accuracy, timeliness, relevance, and completeness, which are the third factor that contributes to the acceptance of AI. The Technology Acceptance Model (TAM) can be used to explain how individuals see the quality of information in AI and how this perception of their willingness to use that AI technology. Individual supportiveness of AI utilisation is improved when information generated by AI is accurate enough to align individual expectations (Grimes et al., 2021) and when information generated by AI is timely enough to decrease the effort required for individuals to make decisions (Modgil et al., 2021); when information generated by AI is relevant to individual needs and goals; and when information provided by AI systems is comprehensive and complete that makes individuals perceive the facilitation.

2.4 Hypotheses Development

2.4.1 The effects on personality traits to support AI utilisation

According to Wu et al. (2019), students' personality traits can affect their communication and behavioural support when using AI tools in their learning process. Wu et al. (2019) measured student personality traits in the Big Five Model: openness, conscientiousness, extraversion, agreeableness, and neuroticism. Besides, Wu et al. (2019) built an inference model such as Least Absolute Shrinkage and Selection Operator to predict the undergraduate student's personality traits better accurately. The results showed that the two personality traits, Agreeableness and Extraversion, positively correlated with student participation to support AI utilisation in their learning process.

Furthermore, Baran and Cangir (2024) explored the implications of openness and neurotic personality traits on adopting educational AI technologies in the healthcare industry. The study found that openness positively affected the supportiveness of AI technology utilisation, and neuroticism harmed supporting AI utilisation. Moreover, the study's results by Osei et al. (2022) showcased the positive effect of personality traits, motivation factors, and behavioural intention on the supportiveness of AI utilisation platforms in shaping attitudes and engagement with AI technology among healthcare students. The research hypotheses have been proposed based on numerous previous studies.

H1: There is a positive effect on personality traits to support AI utilisation among undergraduate students.

2.4.2 The effects on creativity to support AI utilisation

Zhang and Zhu (2022) examined how students' creativity and problem-solving skills can positively affect educational robotics using a Meta-analysis of 20 typical studies published from 2011 to 2021. Another author, Li et al., 2022 The findings revealed that knowledge and understanding (KU), attitudes and values (AV), activity, behaviour, and progression (ABP), and satisfaction, motivation, and creativity (EIC) from Generic Learning Outcomes (GLOs) have an advantageous impact on technology acceptance and use (AU).

Furthermore, Tang et al. (2022) stated that a student's creativity can be measured using digital technology regarding creative characteristics, outputs, processes, and environment. Another author, Shaikh et al. (2021) results also showed that the creativity and innovation of the students had brought their willingness to adopt digital technology. Thus, the above statements prove that students' creativity can positively affect AI utilisation among undergraduate students, and the research hypothesis is proposed.

H2: There is a positive effect on creativity to support AI utilisation among undergraduate students.

2.4.3 The Effects on information quality to support AI utilisation

Zhang and Kim (2022) investigated how the evaluation of web-based information quality affects the use of AI in the healthcare industry. The results showed that webbased health information quality had the most substantial positive effect on consumers' support for using AI technology and satisfaction with health information. Mkinga and Mandari (2020) also investigated the efficiency of the Student Information System (SIS) utilised at the Institute of Finance Management. According to the Delone and Mclean approach, information quality can be used to quantify AI success better. The findings also suggested that information quality has a good and significant impact on SIS user support and satisfaction (Sayyidatul Abqoriyyah Melgis et al., 2024). According to the above relationship, the higher the quality of information, the more likely people are to support the use of present AI technology. The research idea is proposed after reviewing various past studies.

H3: There is a positive effect on information quality to support AI utilisation among undergraduate students.

2.5 Chapter Summary

This chapter comprehensively analysed the independent variables (personality traits, creativity, and information quality). A conceptual framework and hypotheses are presented as guiding principles for this study. In Chapter 3, we will implement the research methodology based on the themes established in this chapter.

CHAPTER 3: RESEARCH METHODOLOGY

3.0 Introduction

Chapter 3 aims to describe the research methods used to collect data and address the research questions. Section 3.1 will discuss the research design to determine whether the question-answering strategy will be qualitative or quantitative. Section 3.2 will discuss the data collection methodology, followed by a discussion of the sampling design, research instruments, constructed measures, and data analysis in sections 3.3 to 3.7. The last section, section 3.8, will conclude the chapter.

3.1 Research Design

Quantitative business research was chosen to design the research questionnaires in our empirical studies. This is because quantitative business research emphasises study objectives through empirical assessments, including measurement in numbers and statistical analysis of data acquired by surveys. It also includes quantitative assessment in the form of numeric rating scales and quantitative analysis in applied statistical methods (Bougie & Sekaran, 2019). Furthermore, quantitative research was used to explain the three independent variables (personality traits, creativity, and information quality) affecting support for AI utilisation among undergraduate students. The questionnaire consists of fixed alternative questions distributed through online Google Forms. Therefore, causal research is suitable in this study because having a good understanding of the factors (personality traits, creativity, and information quality) affects support for AI utilisation among undergraduate students.

3.2 Data Collection Methods

Data collection methods are techniques and procedures for collecting information and data for research purposes. The data will be used to test hypotheses and ensure the accuracy and validity of the study. Both primary and secondary data will be compiled to support our findings on the research questions in our study.

3.2.1 Primary Data

Mwita (2022) stated that a researcher collects primary data from the leading source for the first time. The data collected by the primary data method is real-time data that is direct from main sources through surveys. Primary data includes interviews, questionnaires, focus group discussions, and observation. We distributed the questionnaires via google forms to respondents as our primary data in this research.

3.2.2 Secondary Data

Bougie and Sekaran (2019) stated that secondary data is gathered and recorded by others and is readily available for researchers to use in the studies. Wagh (2023) defined secondary data as past data from third-way sources, including government publications, websites, books, journal articles, internal records, etc. Secondary data is always faster and less expensive than acquiring primary data by collecting data. Hence, we also utilised secondary data as our sources of the literature review in this research. It was collected through Google Scholar, including Science Direct, Jstor, Emerald, Taylor & Francis.

3.3 Sampling Design

3.3.1 Target Population

The target population can be defined as the entire population or group of people that a researcher is interested in researching and analysing (DJS Research, 2019). According to the Statistic Higher Education 2022, the target population is focused on the undergraduate students who are studying in public and private universities within Malaysia. In the research, we will adopt 58.77% of public university undergraduate students and 41.23% of private university undergraduate students. Table 3.1 shows the figures released by the Statistic Higher Education that the total number of undergraduate students amounted to 815,133 in the year 2023.

Table 3:1 :

Undergraduate student	Public university	Private university	Total
category			
Total Intake	103,155	72,519	
Total Enrolment	375,904	263,555	
Total	479,059	336,074	
			815,133
Percentage	$\frac{479,059}{815,133} \times 100 = 58.77\%$	$\frac{336,074}{815,133} \times 100 = 41.23\%$	100%

Number of Undergraduate Student in Malaysia Note. Adopted From Statistics Higher Education Institution 2023

3.3.2 Sampling Frame and Sampling Location

A list of elements from which a sample can be drawn is referred to as a sampling frame (Bougie & Sekaran, 2019). The sampling frame is not available since the target population is large. However, the sampling location can be referred to as the location of the study. According to Statistics Higher Education Institutions (2023), we focus on the first three states with the highest number of undergraduate students in public universities and private universities in the year 2023 in Malaysia are Selangor (420,398), Kuala Lumpur (173,199), and Perak (75,032) to conduct the research successfully and easily get the data from undergraduate students.

Table 3.2

States	Public university	Private university	TOTAL
SELANGOR	150,916	269,482	420,398
W.P KUALA LUMPUR	54,351	118,848	173,199
PERAK	39,538	35,494	75,032

Number of Undergraduate Students in Three States

Note. Adopted from Statistics Higher Education Institution 2023

3.3.3 Sampling Elements

The sampling element of this study focuses on undergraduate students who have frequently used AI-based tools for academic purposes in private and public universities in three states. It is important to the targeted respondents in this research to have used AI-based tools for academic purposes. Therefore, they can provide information and opinions regarding the supportiveness of using AI for academic purposes in public universities and private universities in Selangor, Kuala Lumpur, and Perak states.

3.3.4 Sampling Technique

Quota sampling is defined as the non-probability sampling technique in which the researchers identify subgroups in the population and set quotas for individuals to be included in the sample from each subgroup. The subgroups can be based on characteristics such as age, gender, race, and others. The purpose of the quota sampling technique is to make the sample more representative of the population (Simkus, 2023).

In this study, we adopt quota sampling to identify the 2 subgroups according to the nature of universities: public and private universities. The quotas will be allocated proportionally, considering that there are private universities and public universities in Selangor, Kuala Lumpur, and Perak. Therefore, 58.77% of undergraduate students will be selected from the public universities, whereas 41.23% will be drawn from the private universities in Selangor, Kuala Lumpur, and Perak.

3.3.5 Sampling Size

Sampling size refers to the number of target respondents to explain the target population in our studies. In this research, the targeted population is all undergraduate students from private and public institutions in Malaysia. Based on **Appendix 10**, the maximum ideal targeted respondents are 400 undergraduate students since the exact number of the target population is 815,133. Therefore, 235 undergraduate students will be collected from the public universities and remaining 165 undergraduate students will be collected from private universities in Selangor, Kuala Lumpur, and Perak. A pilot study will then be conducted on 30 sets of data for it.

Table 3.3:Number of respondents

Universities category	Percentage	Number of respondents
Public university	$\frac{479,059}{815,133} \times 100 = 58.77\%$	$0.5877 \times 400 = 235$
Private university	$\frac{336,074}{815,133} \times 100 = 41.23\%$	$0.4123 \times 400 = 165$
Total	100%	400

Note. Developed from the research

3.4 Research instrument

3.4.1 Questionnaire survey

This study adopted a questionnaire instrument. The self-administered questionnaire was designed in 2 language versions: English and Malay. This method allows for reaching a large number of respondents promptly and makes it easier to analyse the data. The questionnaire was distributed to Malaysian undergraduate students at both public and private institutions.

3.4.2 Pilot Test

A pilot study is a small-scale preliminary investigation before the entire study (Teresi et al., 2021). It examined the study and the questionnaire's reliability, validity, and accuracy. From that, it can refine the research methods and identify the flaws and limitations of the study that enable the necessary adjustments before the entire study. This is essential to maximise the quality and efficiency of the study. In this research, 30 sets of questionnaires were distributed to the target respondents. The completion questionnaire of pilot study had taken 3 days to complete. Statistical Package then tested all the collected data for the Social Sciences (SPSS) software. The reliability test result is shown in Cronbach's coefficient alpha for each variable.

Table 3.4

Result of Pilot Test

Types of Variables	Variables	Number of items	Cronbach's Alpha (α)	Reliability
Independent Variable (IV)	Personality Traits	15	0.873	Very Good Reliability
Independent Variable (IV)	Creativity	15	0.834	Very Good Reliability
Independent Variable (IV)	Information Quality	15	0.902	Very Good Reliability
Dependant Variable (DV)	Support for AI Utilisation	9	0.903	Very Good Reliability

Note. Developed from research

As shown in Table 3.4, the pilot test results suggested that both independent variables and dependent variables had excellent reliability. All Cronbach's alpha of the variables are within the range of 0.80 to 0.95 which are 0.873, 0.834, 0.902, and 0.903, respectively. Hence, the questionnaire for the pilot study will be carried out for the entire study.

3.4.3 Questionnaire design

The questionnaire was designed using a fixed-alternative question in which the suggested answer was provided for the respondent to select one that matches their viewpoint. This enables the respondent to make a quick response and save time when answering the question.

There are a total of 57 questions (excluded screening questions) in the questionnaire, which is designed into five sections: A, B, C, D, and E. Section A has 7 questions that are under the demographic profile. Sections B, C, and D each contain a total of 15 questions that relate to the independent variables (personality traits, creativity, and information quality). Moreover, section E was the dependent variable

supporting AI utilisation that contained 9 questions. Multiple-choice questions (MCQ) are applied in section A, whereas five-point Likert scales are used in sections B to E.

3.5 Construct Measurement

3.5.1 Origins and Constructs Measurements

The questionnaire of the study is adapted from the four previous research. It classified the variables into four sections: B, C, D, and E. The source model of construct measurement for each variable is clearly shown in table 3.5.

Table 3.5Source Model of Construct Measurement

Investigating the Factors of Undergraduate Students Support for AI Utilisation

Variable	Dimension	Question	Source used
Personality Traits	Openness	I focus on new ideas and solutions.	(Muhammad Musa & Gashayie, 2021)
(Independent variable)		I do not enjoy changes.	
		I dislike abstract concepts.	
	Conscientiousness	I am goal-oriented in my study.	
		I need someone to monitor me in my study.	
		I am anxious when I am distracted.	
	Extraversion	When a task is given, I do it with urgency.	
		I blame others when things go wrong.	
		I accept positively valid criticisms and suggestions on my performance.	
	Agreeableness	I easily establish rapport with my coursemates.	
		I feel sad and tense under pressure.	
		I have little interest in my study problems.	
	Neuroticism	I enjoy competitiveness.	
		I am not afraid to exert pressure to influence others.	
		I am emotionally stable and deal well with stress.	
Creativity	Intellectual Fluency	I can suggest quick solutions when facing problems in a study.	(Mohammed Yousif Abo Keir et al., 2020)

(Independent variable)		I can present more than an idea within a short period.	
		I can produce the largest possible number of single meanings to denote a certain idea.	
		I can think quickly about different circumstances in my study.	
		I can express my thoughts fluently and put them into meaningful words that fit a specific situation.	
	Originality	I avoid repeating methods in my study.	
		Repetition of the procedures followed in the learning process makes me bored.	
		I strive to produce new ideas in my study.	
		I do the assignment in a sophisticated style.	
		I can debate, hold arguments, and persuade in my study.	
	Flexibility	I do not hesitate to change my position when I am convinced that it is not correct.	
		I make sure to make changes in study methods every period.	
		I can see things from different angles.	
		I can present new ideas to study spontaneously and easily.	
		I make sure to know the opposite opinion to take advantage of it in my study.	

Information Quality	Accuracy	The information generated by AI is correct and error-free.	(Naeem et al., 2022)
(Independent variable)		The information generated by AI is free of bias.	
		The information I get from AI is reliable.	
		The information that I get from AI to the beneficiaries is the result of data on which microprocessors have been performed.	
	Timeliness	I get the required information from AI as fast as I need it.	
		The information I need is easily accessible through AI.	
		AI helps me get information directly without much effort.	
		I always get the information from AI that I need from my study in time.	
	Relevancy	The information I get from AI is very relevant to my studies at the university.	
		I constantly get information from AI that fits what I'm trying to achieve in university.	
		I feel that the AI-generated information I pass on to my coursemates or beneficiaries is always appropriate for them.	
	Completeness	The information I get from AI is comprehensive and adequate for my study.	
		I feel like the information I get from AI covers all areas of my study at the university.	
		AI provides me with all the information I need for the study.	

		I think the information from AI meets all	
		the needs of its beneficiaries.	
Support for AI Utilization	Mindsets	I am now more interested in what I am learning.	(Lane et al., 2019)
(Dependent variable)			
ź		I have a clearer sense of purpose for my learning.	
		I am more likely to persevere with the challenging parts of my learning.	
	Self-management	I have a clearer understanding of my goals.	
		I am better able to prioritise tasks.	
		Tam octer able to prioritise tasks.	
		I am better able to manage my time.	
	Academic capabilities	I feel more confident in my knowledge of the academic content.	
		I feel more confident in applying the skills I have learned.	
		I feel more confident in completing my assessment items.	

3.5.2 Scale of Measurement

The scales of measurement are the values allocated to the variables in a data collection. It also helps to define and classify variables. The selection of measurement scales depends on the nature of the data being collected. The scales can be classified into four types: nominal, ordinal, ratio, and interval (Prasad, n.d.). In this study, the questionnaire was designed using the nominal, ordinal, and interval scales.

3.5.2.1 Nominal Scale

The nominal scale categorised qualitative values according to their attributes, without any specific order (Allanson & Notar, 2020). In other words, it is used to label items without any quantitative value. To illustrate, this scale was used in section A of the question, which recognises respondents' gender.

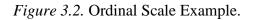
1. Gender *	
O Male	
Female	

Figure 3.1. Nominal Scale Example.

3.5.2.2 Ordinal Scale

An ordinal scale is where data are categorised and ranked according to a particular characteristic or attribute (Allanson & Notar, 2020). To illustrate, this scale was used in a section A question to recognise respondents' age.

2. Age * 18-20 21-25 26-30 31 or above



3.5.2.3 Interval Scale

The interval scale has equal intervals between values and categories in a meaningful order (Alhassan et al., 2022). It is known as both a metric and a Likert scale. The Likert scale is a five-point scale with five categories, from strongly disagreeing to agreeing strongly. In this study, most of the questions from the questionnaire adopted this scale, which includes sections B, C, D, and E. The respondents are required to select an answer for each question according to their learning preferences and thoughts.

1. I focus on new ideas and solutions. *						
	1	2	3	4	5	
Strongly disagree	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	Strongly agree

Figure 3.3. Interval Scale Example.

3.6 Data Processing

3.6.1 Data Checking

Data checking is the first step of data processing and also a critical process to ensure the data collected from the questionnaire is accurate and correct. Checking is necessary to ensure that the completed questionnaires indicate the complete response to each question without repeating the same answer to different questions. Pilot testing allows detecting errors and problems. Once the results of the pilot study are not reliable, making amendments to the questionnaire is necessary. Hence, we are assured that the outcomes will be reliable and that the data will be accurate.

3.6.2 Data Editing

Data editing is the second step of data processing in these studies. It refers to the process of review and adjustment of the data collected, which includes illogical responses, illegal codes, omissions, and inconsistent responses (Bougie & Sekaran, 2019). Once we find any errors in a questionnaire, the editing process enables us to modify the problem data to maintain consistency and reliability.

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3.6.3 Data Coding

Data coding involves assigning numbers to each response option for each question. The numbers collected allow us to quickly enter data into the database through any software programme such as SPSS.

Table 3.7:

Coding and Labels for Screening Questions

Question No.	Label	Code
1.	Undergraduate programme	1 = Yes 2 = No
2.	AI-based tools	1 = Yes 2 = No

Note. Developed for the research.

QuestionNo.	Label	Code
1.	Gender	1 = Male 2 = Female
2.	Age	1 = 18-20 2 = 21-25 3 = 26-30 4 = 31 and above
3.	Ethnic group	1 = Chinese 2 = Malay 3 = India 4 = Others

Note. Developed for the research.

Table 3.9 :

Coding and Labels for Personality traits, Creativity, Information Quality, and Support for AI utilisation (Section B, C, D, E)

Question No.	Label	Code
45 Questions	3 Independent Variables: Section B: Personality traits Section C: Creativity Section D: Information Quality	 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree
9 Questions	1 Dependant Variable: Section E: Support for AI Utilisation	 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

Note. Developed for the research.

3.6.4 Data Transcribing

Data transcribing is the last step in data processing. It is a process that transcribes the coded data carefully into SPSS software for data analysis after data is checked, editing, and coding.

3.7 Data Analysis

In this study, we only utilised SPSS version 29.0 software to analyse the gathered data. In the pilot study, 30 sets of questionnaires were sent to respondents, and the results collected were used for data analysis. Data analysis refers to converting the data into information.

3.7.1 Descriptive analysis

Descriptive analysis summarises data by describing the relationship between dependent and independent variables in a sample or population (Kaur et al., 2019). It consists of frequency distribution and percentage distribution. This study will analyse all demographic profile questions from Section A. There are 3 questions under the demographics profile, followed by the sequence: gender, age, and ethnic group. There are 2 nominal scale questions, gender and ethnic group questions, as the options are allocated for qualitative criteria based on their characteristics without ranking. Another question (Age) disputes the ordinal scale due to displays of the ranking scale. As a result, we used frequency distribution to draw the pie chart in this research because all demographic questions were on nominal and ordinal scales.

3.7.2 Reliability analysis

Cronbach's alpha (α) is a dependability coefficient that assesses how healthy aspects of the relationship are positively related. Cronbach's alpha is determined as the average intercorrelation among the dependent variables (support for AI utilisation) and independent variables (personality traits, creativity, and information quality). When Cronbach's Alpha value is closer to 1, it will lead to higher internal consistency reliability (Bougie & Sekaran, 2019).

3.7.3 Inferential analysis

According to CueMath (2023), inferential analysis is a field of statistics that uses analytical tools to test whether the independent variable (personality traits, creativity, and information quality) positively affect the dependent variable (support for AI utilisation). It consists of an independent-sample T-test, One-Way ANOVA, Chi-square test, Pearson Correlation Coefficient, and Multiple Regression Analysis.

In this study, we decided to use Multiple Regression Analysis to test our research hypotheses since three independent variables (personality traits, creativity, and information quality) explain the variance in the dependent variable (support for AI utilisation). Additionally, we will utilise the Pearson Correlation Coefficient to further validate the correlation between certain predictors and the dependent variable. This will help us determine whether a strong linear relationship exists between them.

3.8 Chapter Summary

Finally, we selected causal and quantitative research for our study. We conducted our data collection exercise using a set of questions (questionnaire) administered to the randomly selected population for our study. The scale of measurement used for each factor in our questionnaire, how the data collection was done, and information on the data that will be used for data analysis were also mentioned. Moreover, SPSS achieves reliability while doing data analysis to finalise that step. Finally, we discussed and summarised our descriptive, reliability, and inferential analysis.

CHAPTER 4 : Research Results

4.0 Introduction

This chapter will cover an analysis of the questionnaire results collected from 400 undergraduate students. SPSS Statistics software will apply to further analyse and compile the total study findings. The chapter will structured into four sections, which begin with an introduction, followed by a demographic analysis, an inferential analysis, and conclude by a chapter summary.

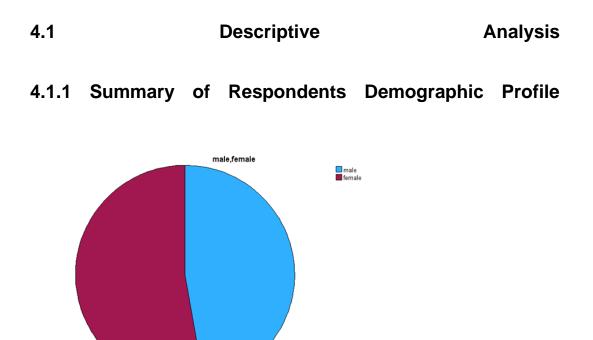


Figure 4.1. Gender of Respondents.

Table 4.1:

Gender							
		Frequency	Percent (%)	Valid Percent (%)	Cumulative Percent (%)		
Valid	Male	190	47.5	47.5	47.5		
	Female	210	52.5	52.5	100		
	Total	400	100	100			

Gender of respondents

Note. Developed for the research

Based on Table 4.1, 190 (47.5%) male, and 210 (52.5%) female respondents participated in this research. The data shows a slightly higher female student portion but still considered fair-balanced gender representation.

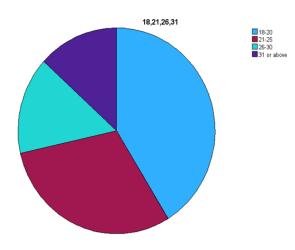


Figure 4.2. Age of Respondents.

Table 4.2:

Age

Age							
		Frequency	Percent (%)	Valid Percent (%)	Cumulative Percent (%)		
Valid	18-20	165	41.3	41.3	41.3		
	21-25	121	30.3	30.3	71.6		
	26-30	61	15.2	15.2	86.8		
	31 or above	53	13.2	13.2	100		
	Total	400	100	100			

Note. Developed for the research

Among the respondents, most of them which is 165 (41.4%) are aged between 18 and 20. Besides, 121 (30.3%) come from the age group 21-25, followed by the age group 26-30 with 61 (15.2%) respondents. The remaining 53 respondents are aged 31 or above, representing 13.2% only of the research. It highlights the majority of undergraduate students still in the younger age range, which is still in their late teens or early twenties.

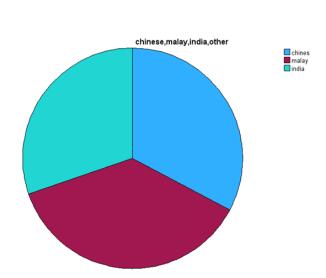


Figure 4.3. Ethnic of respondent.

Table 4.3:

Ethnic

Ethnic group							
		Frequency	Percent (%)	Valid Percent (%)	Cumulative Percent (%)		
Valid	Chinese	131	32.8	32.8	32.8		
	Malay	148	37	37	69.8		
	India	121	30.3	30.3	100		
	Others	0	0	0	100		
	Total	400	100	100			

Note. developed for the research.

Table 4.3 shows that Malaysia's three major ethnic groups participated in this study. Among the respondents, Malay is the largest group, comprising 148 (37%).

Following that, Chinese respondents makeup 131 (32.8%), and Indian respondents with 121 (30.3%). Additionally, no responses are from the "other" category.

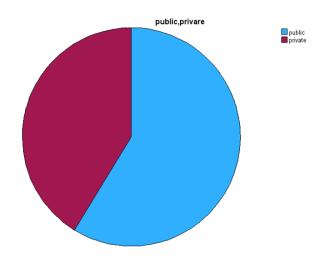


Figure 4.4. Type of university of respondents.

Table 4.4:

Type of university

Type of university							
		Frequency	Percent (%)	Valid Percent (%)	Cumulative Percent (%)		
Valid	Public	235	58.8	58.8	58.8		
	Private	165	41.3	41.3	100		
	Total	400	100	100			

Note. developed for the research.

Based on Table 4.4, 235 (58.8%) out of 400 respondents studying at public universities in Malaysia. On the other hand, the remaining 165 (41.3%) of students enrolled in Malaysia's private universities.

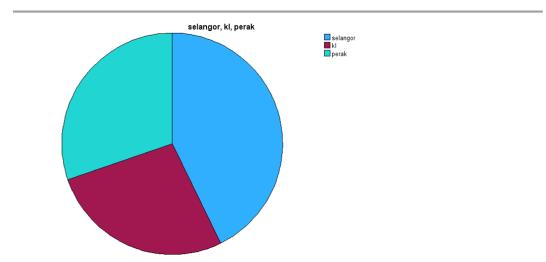


Figure 4.5. University location of respondents.

Table 4.5:

University location of respondents

University location							
		Frequency	Percent (%)	Valid Percent (%)	Cumulative Percent (%)		
Valid	Selangor	171	42.8	42.8	42.8		
	Kuala Lumpur	107	26.8	26.8	69.6		
	Perak	122	30.5	30.5	100		
	Total	400	100	100			

Note. Developed for the research.

Among the three states, Selangor is the most represented state with 171 (42.8%) respondents. This is followed by 122 respondents (30.5%) from universities in Perak, and 107 respondents (26.8%) from universities in Kuala Lumpur.

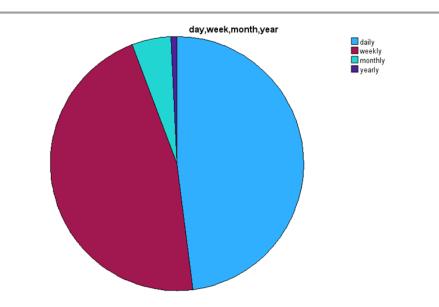


Figure 4.6. Frequency of use AI of Respondents

Table 4.6:

Frequency of use AI

Frequency of use AI							
		Frequency	Percent (%)	Valid Percent (%)	Cumulative Percent (%)		
Valid	Daily	192	48	48	48		
	Weekly	185	46.3	46.3	94.3		
	Monthly	20	5	5	99.3		
	Yearly	3	0.7	0.7	100		
	Total	400	100	100			

Note. Developed for the research.

Table 4.6 shows the preference of undergraduate students for regular interaction with AI tools. 192 (48%) of respondents stated they use AI daily, indicating a high level of integration into their daily routine. Next, 185 students (46.3%) use AI weekly, suggesting regular but less frequent engagement. A minority of respondents, 20%, use it monthly whereas only 3 (0.7%) use the tools about once per year. The

result highlights the growing dependence on AI technology among undergraduate studies.

4.1.2 Central tendencies measurement of constructs

Table 4.7:

Central tendencies measurement of constructs

Variable	Sample size, N	Mean	Standard deviation
TraitsAVE	400	3.9952	0.31006
CreativityAVE	400	4.4715	0.29534
QualityAVE	400	4.4977	0.27734
UtilizationAVE	400	4.4953	0.25776

Developed for the research.

Table 4.7 demonstrates the mean and standard deviation for the variables. In terms of mean, QualityAVE has the highest score at 4.4977, followed by UtilizationAVE at 4.4953 and CreativityAVE at 4.4715. All these mean values are above 4.4, reflecting that respondents perceive these aspects very positively. On the other hand, TraitsAVE has the lowest mean score at 3.9952, suggesting a generally positive assessment but slightly less favourable compared to the other variables.

Moving on, the standard deviations for UtilizationAVE, QualityAVE, and CreativityAVE are 0.25776, 0.27734, and 0.29534 respectively. These relatively low standard deviations suggested that respondents rate these variables quite consistently, who have similar views and perceptions. In contrast, TraitsAVE has a standard deviation of 0.31006, which is not unduly high compared to the other but is still considered a moderate level of variability in the ratings. Since there are

Note.

diverse opinions or experiences for TraitsAVE, the variation in how different respondents perceive TraitsAVE is greater. Therefore, it is not as universally well-regarded or consistent in quality as the other variables.

4.2 Inferential Analysis

Multiple regression analysis is applied to examine the effects of the independent variables (personality traits, creativity, information quality) on the dependent variable (support for AI Utilisation).

4.2.1 Multiple Regression Analysis

Table 4.8:

Model	Summary ^b
-------	----------------------

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate			
1	0.715 ^a	0.511 0.507		0.18089			
a. Predictors: (a. Predictors: (Constant), Information, Personal traits, Creativity						
b. Dependent	b. Dependent Variable: Support						

Note. Developed for the research.

R-Value

The level of correlation between the dependent variable and the independent variables is represented by the R-value. The R value is the correlation coefficient between the dependent variable and the independent variable taken together. Based on the table 4.8, the value of correlation coefficient (R value) for this study is 0.715^{a} . According to the strength of the Pearson Correlation coefficient, the value of 0.715a falls under the coefficient range of +0.71 to +0.90. Thus, there is a positive and high correlation between dependent variables (support for AI utilisation) and independent variables (personality traits, creativity, and information quality).

R square

The R square indicates the extent or percentage the independent variables can explain the variations in the dependent variable. Based on table 4.8, independent variables (personality traits, creativity and information quality) can explain 51.1% of the variations in dependent variables (support for AI utilisation) in this study. However, it still leaves 48.9% (100%-51.1%) unexplained in this study. On the other hand, there are other additional variables that are important in explaining Support for AI Utilisation that have not been considered in this study.

Table 4.9:

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.	
1	Regression	13.552	3	4.517	138.049	<.001 ^b	
	Residual	12.958	396	.033			
	Total	26.510	399				
a. Dependent Variable: Support							
b. Predictors: (Co	b. Predictors: (Constant), Information, Personal Traits, Creativity						

Note. Developed for the research.

H1: There is a positive effect of independent variables (personality traits, creativity, and information quality) on Support for AI Utilisation among undergraduate students.

Based on the table 4.9 (ANOVA), the p-value (< 0.001) is less than alpha value 0.05 indicating that F-statistic is significant. The model for this study is a good descriptor of the relation between the dependent and predictor variables. Therefore, the independent variables (personality traits, creativity and information quality) are significant to explain the variance in support for AI utilisation. Therefore, we reject the null hypothesis and agree to support the alternate hypothesis in our study.

Table 4.10:

Model		Unstandardi Coefficients	Unstandardized Coefficients		t	Sig.	
		В	Std. Error	Coefficients Beta	_		
1	(Constant)	1.418	.156		9.071	<.001	
	Personality traits	091	.040	109	-2.247	.025	
	Creativity	.412	.048	.472	8.668	<.001	
	Information quality	.355	.046	.382	7.701	<.001	
a. Dependent Variable: support for AI utilisation							

Coefficients

Note. Developed for the research.

H1: There is a positive effect on personality traits to support AI utilisation among undergraduate students.

In this study, the predictor variable (personality traits) significantly influence the dependent variable (support for AI utilisation). Due to the personality traits p-value (0.025) which indicates less than the alpha 0.05. Refer to the table 4.10, the beta value for personality traits was shown negative value (-0.109) possibly meaning that there are negative effects on personality traits to support AI utilisation. Therefore, we applied the Pearson Correlation analysis as shown in table 4.11 to further validate the correlation between personality traits and the support for AI utilisation. Since the result showed positive values (0.430), we conclude that the predictor variable (personality traits) positively significantly influences the dependent variable (support for AI utilisation).

Table 4.11:

Pearson Correlation Analysis

		Personality traits	Support for AI Utilisation
Personality traits	Pearson Correlation	1	.430**
	Sig. (1-tailed)		<.001
	N	400	400
Support for AI Utilisation	Pearson Correlation	.430	1
	Sig. (1-tailed)	<.001	
	N	400	400
**. Correlation is significant at the 0.01 level (1-tailed).			

Note. Developed for the research.

H2: There is a positive effect on creativity to support AI utilisation among undergraduate students.

In this study, the predictor variable (creativity) significantly influences the dependent variable (support for AI utilisation). Because of the personality traits p-value (0.001) which indicates less than the alpha 0.05.

H3: There is a positive effect on information quality to support AI utilisation among undergraduate students.

In this study, the predictor variable (information quality) significantly influences the dependent variable (support for AI utilisation). Because of the personality traits p-value (0.001) which indicates less than the alpha 0.05.

Regression equation

 $y = a + b_1 (x_1) + b_2 (x_2) + b_3 (x_3)$

 x_1 = Independent variable 1 (Personality traits)

 $x_2 =$ Independent variable 2 (Creativity)

x₃ = Independent variable 3 (Information Quality)

Support for AI Utilisation = 1.418 + (-)0.091(Personality traits) + 0.412 (Creativity) + 0.355 (Information Quality)

Higher contribution

Based on the table 4.10, creativity is the predictor variables that contributed the highest to the variation of the dependent variable (support for AI utilisation) because Beta value (under standardised coefficients) for this predictor variable is the largest 0.472 if compare to other predictor variables personality traits and information quality. This means that creativity makes the strongest unique contribution to explain the variation in dependent variables (support for AI utilisation).

Second highest contribution

The table also indicates that information quality is the predictor variables that contributed the second highest to the variation of the dependent variable (support for AI utilisation) because Beta value (under standardised coefficients) for this predictor variable is the second largest 0.382 if compare to other predictor variables (personality traits and creativity). This means that information quality makes the second strongest unique contribution to explain the variation in dependent variable (support for AI utilisation) when the variance explained by all other predictor variables in the model is controlled for.

Lower contribution

According to the table 4.10, personality traits is the predictor variables that contributed the lowest to the variation of the dependent variable (support for AI Utilisation) because the Beta value under standardised coefficients for this predictor variable is the smallest (-0.109) if compare to other predictor variables (creativity and information quality). This means that personality traits make the least contribution to explain the variation in dependent variable (support for AI Utilisation) when the variance explained by all other predictor variables in the model.

Recommendation

Based on the result of Multiple Regression and Pearson Correlation analysis, three predictor variables (personality traits, creativity, and information quality) are significant to this study as the p-value is less than the alpha value (0.05). Moreover, the universities should prioritise the development of student creativity as it significantly influences undergraduate support for AI utilisation with a Beta value of 0.472. Therefore, we suggest that universities pay more attention to students'

creativity because it has a greater impact on support for AI utilisation compared to other predictor variables (personality traits and information quality).

4.3 Conclusion

This chapter made numerous references to statistics and research findings. Each completed review is covered in full in this chapter. The data collected for the research were summarised and analysed by using the SPSS Statistics to give a completed picture. The relationship between the dependent variable (support for AI Utilisation) and the independent variables (personality traits, creativity, and information quality) was established using Multiple Regression and Pearson Correlation analysis.

CHAPTER 5 : Implications and Conclusion

5.0 Introduction

This chapter aims to summarise the study and the statistical analysis. First, a discussion of the findings to validate the study hypothesis and objective will be covered, followed by the implications and limitations of the study. Finally, we will provide some suggestions for future research.

5.1 Summary of Statistical Analyses

5.1.1 Summary of Descriptive Analysis

As presented in Chapter 4, the results are illustrated through pie charts. All respondents are enrolled in undergraduate programs. Among 400 respondents, most are female, Malay, aged 18 to 20, from public institutions, and attending institutions in Selangor. The analysis also discovered most students use AI daily, with ChatGPT being the most used tool.

5.1.2 Summary of Inferential Analysis

In the results as presented in Chapter 4, the ANOVA results illustrated that the independent variables (personality traits, creativity and information quality) are significant to explain the variance in support for AI utilisation. Moreover, the p-value for the three predictor variables is less than the alpha value (0.05) indicates that there are positive significant predictors of the dependent variable in our study.

5.2 Discussion of Major Findings

5.2.1 Personality traits and support for AI utilisation

H1: There is a positive effect on personality traits to support AI utilisation among undergraduate students. Chapter 4's result demonstrated the P-value (0.025) is lesser than the alpha value (0.05), which indicates a positive effect on personality traits to support AI utilisation among undergraduate students, so we accept the alternative hypothesis (H1).

This finding is supported by Bergdahl et al. (2023), who found personality traits may predict attitudes toward various phenomena, including technology. The relationship between personality traits and attitudes towards AI has been examined in some previous research. A study showed that introverts tend to have more positive attitudes toward AI, and another research further concluded that extraversion has more negative emotions toward AI. Furthermore, neurotic people have more negative attitudes toward AI. In addition, agreeableness is a statistically significant predictor of positive attitudes toward AI (Stein et al., 2024). Thus, we conclude that the impact of personality traits on support for AI utilisation is positive.

5.2.2 Creativity and support for AI utilisation

H2: There is a positive effect on creativity to support AI utilisation among undergraduate students.

Chapter 4's result shows that creativity significantly influences the support for AI utilisation among undergraduate students. The alternate hypothesis (H2) has been accepted because of the p-value (0.001) less than the alpha value (0.05). This result proved that creativity is positive and significantly affects support for AI utilisation.

This results findings supported by Li et al., (2022) revealed that knowledge and understanding (KU), attitudes and values (AV), activity, behaviour, and progression (ABP), and satisfaction, motivation, and creativity (EIC) from Generic Learning Outcomes (GLOs) have an advantageous impact on technology acceptance and use (AU). The study stated that creative students are more likely to engage with AI. Thus, we conclude that the effect of creativity on support for AI utilisation is positive.

5.2.3 Information quality and support for AI utilisation

H3: There is a positive effect on information quality to support AI utilisation among undergraduate students.

Furthermore, Chapter 4 findings discovered that information quality significantly influences the support for AI utilisation among undergraduate students. The alternative hypothesis (H2) has been accepted due to the P-value (0.001) less than the alpha value (0.05).

This result aligned with Duong et al. (2024), who asserted that both information quality and service quality directly affect higher education students' trust in ChatGPT, satisfaction, and continuance usage intention. A significant incongruity between information and service quality would diminish trust in ChatGPT, satisfaction, and the intention to continue using the service. In other words, students are less likely to continually use the system when both qualities are low but more motivated to continue usage when both dimensions are high.

5.3 Implications of the Study

Educational Implications

AI is increasingly being used in education to improve learning outcomes through intelligent tutoring systems, personalised learning and automated assessment tools. The combination of AI and education is transforming pedagogy and academic management, making education more accessible and personalised (Chiu et al., 2023). In our study, personality traits, creativity, and information quality were found to positively significantly affect the support for AI utilisation. The study will have numerous implications for the educators, academic institutions, students, AI developers, corporations, and others.

According to Tiwari et al. (2023), this study highlighted several significant implications for global communities, corporations, and academia. It suggested that integrating AI tools like ChatGPT into educational settings can enhance accessibility, literacy, and awareness by making technology more engaging and credible. ChatGPT's usefulness, social presence, and motivational aspects foster positive supportiveness utilisation among users. As the tools gain popularity, they provide valuable information not only for students but also for professionals across various fields, including marketing, finance, and human resources. Additionally, AI technology can aid academics by facilitating data collection, research, and report writing, thus improving educational experiences and preparing graduates with essential skills for the workforce (Shin, 2021).

In Malaysia's context, we found that the majority of undergraduate students have increasingly supported the use of AI for academic assistance. According to the statistics, we have found that 70.2% of college students regularly, hourly, or daily utilise AI tools for their academic studies, reflecting the growing integration of technology in education (Hou et al., 2024).

The study has significant implications for undergraduate students, as it underscores the growing importance of AI in enhancing their academic experiences. With 70.2% of students regularly using AI tools for their studies, it is clear that these technologies are becoming integral to how students learn and engage with educational content. AI tools, such as intelligent tutoring systems and personalised learning platforms, offer students tailored support, allowing them to learn at their own pace and receive immediate feedback on their performance. This personalised approach not only helps students to better understand complex concepts but also enables them to identify and address their academic weaknesses more effectively (Chiu et al., 2023).

Moreover, the study suggests that students' personality traits, creativity, and the quality of information provided by AI tools significantly influence their support for AI utilisation. This means that students who are open to new experiences, creative in their problem-solving, and provided with high-quality, relevant information are more likely to embrace AI as a valuable resource in their education. Students can use AI effectively in their studies by leveraging its capabilities to enhance their learning experience. This involves utilising AI tools for personalised learning, where the AI adapts to their individual learning styles and paces, providing targeted support and resources. By engaging with AI-driven tutoring systems, students can receive real-time feedback, helping them identify areas for improvement and reinforcing their understanding of complex concepts. Additionally, students can use AI to streamline their study habits, such as automating note-taking, organising study materials, and even generating practice questions tailored to their course content. To maximise the benefits, students should remain proactive in their use of AI, ensuring that they critically evaluate the information provided by these tools and integrate them with traditional study methods to achieve a well-rounded and effective learning approach.

Furthermore, educators play a pivotal role in harnessing the potential of AI to enrich the learning environment. The widespread use of AI among students, with 70.2% of college students regularly utilising AI tools, reflects a significant shift towards comfort and familiarity with these technologies (Hou et al., 2024). This trend offers educators a unique opportunity to build on students' existing engagement with AI by thoughtfully integrating these tools into the curriculum. By incorporating AI like ChatGPT in ways that complement traditional teaching methods, educators can create a more dynamic and responsive learning environment. For instance, ChatGPT can be used to provide personalised learning experiences, where students receive tailored support based on their individual needs and learning styles. This can lead to more effective learning, as students are guided through content at their own pace, with AI offering timely feedback and resources that address specific challenges they might face (Aithal & Shubhrajyotsna Aithal, 2024).

Moreover, educators can use AI to enhance their instructional strategies by identifying patterns in student performance and adjusting their teaching approaches accordingly. This data-driven approach allows for a more targeted intervention, helping educators to focus on areas where students may need additional support or enrichment. As a result, students not only benefit from a more personalised learning experience but also develop a deeper understanding of the material, leading to improved academic outcomes. In essence, the integration of AI into the curriculum, facilitated by educators, has the potential to transform the educational experience. By leveraging AI's capabilities, educators can provide more individualised instruction, foster a supportive learning environment, and ultimately enhance the overall educational journey for their students (Judijanto et al., 2022). Therefore, AI tools like ChatGPT greatly facilitate education by improving learning outcomes through personalised and automated systems. This integration benefits educators, students, and professionals by increasing accessibility, engagement, and efficiency in learning and work environments.

The study underscores the critical responsibility of AI developers in crafting and refining AI tools to meet the evolving needs of educational environments. AI developers are tasked with ensuring that these technologies deliver high-quality, relevant, and reliable information, which is paramount in fostering trust and reliance among students. By prioritising the accuracy, timeliness, and practical utility of AI-

generated content, developers can significantly enhance the educational value of these tools (Patma et al., 2021).

According to Chen et al. (2020), a key finding from the research emphasises that well-designed AI tools are indispensable for providing the type of precise, actionable feedback that can enrich students' learning experiences. High-quality AI systems not only support students in their academic pursuits but also empower educators to offer more personalised and effective instruction. The implications for AI developers are profound: by focusing on the continuous improvement of these tools, they can play a pivotal role in advancing educational outcomes.

Moreover, as AI becomes increasingly integrated into educational settings, developers must remain attuned to the needs of both educators and students. This involves iterative development processes that incorporate user feedback, adapt to emerging educational trends, and ensure that AI tools are aligned with pedagogical best practices. The ultimate goal for developers should be to create AI technologies that are not only sophisticated and innovative but also seamlessly integrated into the educational experience, thereby supporting and enhancing the teaching and learning process. Therefore, AI developers must play an important role in shaping the future of education through the creation of tools that are accurate, reliable, and beneficial to both students and educators. Their work is central to realising the potential of AI in transforming educational practices and outcomes.

5.4 Limitations of the Study

Although this study generated useful insights into what drives undergraduate students' support for AI utilisation, we acknowledged some limitations after conducting this research.

Even though the quantitative methods, so-called close-ended or multiple-choice questions serve as a useful tool for us to collect large amounts of data, it also limits the respondents' ability to elaborate on their answers. This restricts the depth of data collected due to respondents being confined to select from predetermined options rather than offered more detailed responses. Unlike qualitative methods that allow for broader and more open-ended feedback, quantitative methods do not provide the opportunity to capture the full scope of respondents' perspectives and insights (Schmidt et al., 2020). As a result, we might miss out on specific feedback that could offer a richer understanding of their viewpoints.

Moreover, this research is limited to specific geographic areas that are Selangor, Perak, and Kuala Lumpur. This indicates that this study without considering the opinions of students in other regions or states. Hence, the findings may not be representative of the broader student population across different geographic locations. In other words, this study lacks the generalizability that could restrict the study's results extrapolated to other contexts or settings outside the studied areas. Consequently, although the findings provide valuable insights into the three states, they might not fully capture or reflect the diverse experiences of students in other parts of Malaysia.

When future research interprets this study's results further, they can consider the identified limitations, and avoid these limitations in their future study. Page 64 of 161

5.5 Recommendations for future research

Aside from pointing out the constraints, we suggest several guidelines for improving the future research on undergraduate students' support for AI utilisation.

First, the questionnaire design can be refined by integrating the qualitative method. Dawadi et al., (2021) mentioned that a mixed method that combines both quantitative and qualitative data collection techniques can be adopted in the survey. By integrating with some open-ended questions, the future researchers can obtain a more detailed perspective on what students are thinking, allowing a better comprehensive understanding of their support for AI use. This approach will also help add in the grey areas often missed by just using quantitative data.

To enhance the generalizability of research findings, they can consider expanding the geographic scope of their study. For instance, they can cover all the 14 states in Malaysia. A broader range of areas will enable a more comprehensive understanding of undergraduate students' attitudes towards AI utilisation. It ensures that each region is adequately represented.

We hope that future studies through incorporating these suggestions, could generalise and extend the results of this research contributions to a relatively more robust understanding of where undergraduate student support for AI utilisation. By implementing these strategies, they manage to improve response rates and produce findings that are more representative of the broader student population. However, these recommendations may not fit all situations, so we suggest them to base on the circumstances, research topic, and other factors to evaluate whether these identified recommendations are applicable in their study.

5.6 Conclusion

In summary, our study brought deeper insights into the supportiveness of AI utilisation among undergraduate students. The results showed that the three independent variables (personality traits, creativity, and information quality) had significant positive impact on the support of AI utilisation. This study provided different insights to educators in the field as well as future researchers. Other than that, several limitations of this study were also acknowledged, and recommendations for future studies.

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Appendices

Appendix 1: Blank copy Questionnaire (English version) Link: https://forms.gle/hH5xbkg3L3KRNicg7



and E cover all of the variables in this study. Please read the instructions carefully before answering the questions. Please answer ALL sections. Completion of this questionnaire will take you approximately 5 minutes. There will be no risk involved in your participation in this survey.

Your participation in this study is entirely voluntary. There will be no disadvantage if you decide not to complete the attached anonymous guestionnaire. You can withdraw at any time without any penalty. You can refuse to answer any questions at any time if you feel uncomfortable

Your personal particular will remain anonymous and will be treated as strictly confidential. The data collected is only used for the purpose of this academic research and only appregated data will be used in this study.

Your assistance in completing the questionnaire is very much appreciated. If you have any questions regarding this questionnaire, you may contact us at huini1026@1utar.my.

If you decide to complete this attached anonymous survey, this will be taken as your voluntary agreement and formal consent to participate in this study. Thank you very much for your cooperation and willingness to participate in this study.

Thank you

Your Sincerely

Lee Hui Ni (huini1026@1utar.my)

Tan Yen Yee (vvee710@1utar.mv) yee100702@gmail.com Switch account

* Indicates required question

Consent:

Next

 By submitting or providing your personal data to UTAR, you had consented and agreed for your personal data to be used in accordance with the terms and conditions in the for your personal data to be us Notice and our relevant policy.

2. If you do not consent or subsequently withdraw your consent to the processing and au nor consent or subsequently withdraw your consent to the processing an e of your personal data, UTAR will not be able to fulfill our obligations or to ou or to assist you in respect of the purposes and/or for any other purposes contact you or to assist related to the purpose

3. You may access and update your personal data by writing to us at huini1026@1utar.my.

Acknowledgment of Notice

I have been notified and that I hereby understood, consented and agreed per UTAR above notice.

I disagree, my personal data will not be processed.

Personal Data Protection Notice

Please be informed that in accordance with Personal Data Protection Act 2010 ("PDPA") which came into force on 15 November 2013, Universiti Tunku Abdul Rahman ("UTAR") is hereby bound to make notice and require consent in relation to collection, recording, storage, usage and retention of personal information.

1. Personal data refers to any information which may directly or indirectly identify a person which could include sensitive personal data and expression of opinion. Among others it includes: Name, identity card, place of birth, address, education history, employment history, medical history, blood type, race, religion, photo, personal information and associated research data.

2. The purposes for which your personal data may be used are inclusive but not limited to:

a) For assessment of any application to UTAR b) For processing any benefits and services c) For communication purposes d) For advertorial and news e) For general administration and record purposes f) For enhancing the value of education

g) For educational and related purposes consequential to UTAR h) For replying any responds to complaints and enquiries

- i) For the purpose of our corporate governance j) For the purposes of conducting research/ collaboration

Your personal data may be transferred and/or disclosed to third party and/or UTAR collaborative partners including but not limited to the respective and appointed outsourcing agents for purpose of fulfilling our obligations to you in respect of the purposes and all such other purposes that are related to the purposes and also in providing integrated services, maintaining and storing records. Your data may be shared when required by laws and when disclosure is necessary to comply with applicable laws.

4. Any personal information retained by UTAR shall be destroyed and/or deleted in accordance with our retention policy applicable for us in the event such information is no longer required.

5. UTAR is committed to ensuring the confidentiality, protection, security and accuracy of your personal information made available to us and it has been our ongoing strict policy to ensure that your personal information is accurate, complete, not misleading and updated. UTAR would also ensure that your personal data shall not be used for political and commercial purposes

Clear form

Ø

Screening Question		
Please choose one most appropriate answer for each of the following questions:		
* 1. Are you pursuing an undergraduate program (Bachelor's degree)?		
Yes (Please continue)		
No (End of the survey, Thank you)		
2. Is the institution you currently study located in any of these 3 states (Selangor, Kuala Lumpur, and Perak)?	*	
O Yes (Please continue)		
O No (End of the survey, Thank you)		
3. Have you ever used Al-based tools or applications for your study? *		
() Yes (Please continue)		
No (End of the survey, Thank you)		
Section A: Demographic Profile		
In this section, there are 3 questions required to answer. Please choose one most appropriate answer for each of the following questions:		
1. Gender *		
O Male		
O Female		
2. Age *		
0 18-20		
0 21-25		
 26-30 31 or above 		
U ST UT AUUVE		
3. Ethnic group *		
O Chinese		
O Malay		
🔘 India		
O Others	6. Which AI tools have you currently used for your study? (Select all that	t apply) *
	Google Bard	
4. What type of university are you studying at: *	Chat GPT Microsoft Office 365 Copilot	
O Public university	Bing Chat	
Private university	Other:	
	7. How frequently do you use AI tools for your study? *	
5. The institution you study at is located in: \star	O Daily	
Selangor	Weekly Monthly	
O Kuala Lumpur	⊖ Yearly	
O Perak	Back Next	Clear form
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Section B: Independe	nt variat	oles - Pe	rsonality	y traits									
Personality traits include Extraversion, Agreeablen				aits of Op	enness, C	Conscientiousness,							
Please read the following			fully and	indicate y	your level	of agreement or							
disagreement on a 5-poir	nt Likert :	scale:					4. I am goal-oriented i	n my stu	dy. *				
Strongly Disagree = 1 Disagree = 2								1	2	3	4	5	
Neutral = 3 Agree = 4 Strongly Agree = 5							Strongly disagree	\bigcirc	\bigcirc	\bigcirc	\bigcirc	0	Strongly agree
Based on your learning p which you agree or disag					er to indio	cate the extent to	5. I need someone to	monitor	me in m	y study. '			
								1	2	3	4	5	
1. I focus on new idea	as and s	olutions	*				Strongly disagree	0	0	0	0	0	Strongly agree
	1	2	3	4	5		6. I am anxious when	Lorn diat	racted 1				
Strongly disagree	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	Strongly agree	o, r ann anxious when					-	
								1	2	3	4	5	
							Strongly disagree	0	0	U	0	0	Strongly agree
2. I do not enjoy chan	ges. *												
	1	2	3	4	5		7. When a task is give	n, I do it	with urg	ency. *			
Strongly disagree	0	0	0	\bigcirc	0	Strongly agree		1	2	3	4	5	
							Strongly disagree	0	0	0	0	0	Strongly agree
3. I dislike abstract co	incepts.	*											
					-		8. I blame others when	n things	go wron	g. *			
	1	2	3	4	5			1	2	3	4	5	
Strongly disagree	0	0	0	0	0	Strongly agree	Strongly disagree	\bigcirc	\bigcirc	0	\bigcirc	0	Strongly agree
9. I accept positively v	alid criti	cisms ar	nd sugge	stions o	n my per	formance. *							
	1	2	3	4	5								
Strongly disagree	0	0	0	0	0	Strongly agree							
10. I easily establish ra	apport w	ith my c	oursema	ites. *									
	1	2	3	4	5								
Strongly disagree	0	0	0	0	0	Strongly agree							
11. I feel sad and tens	e under	pressure	e. *										
	1	2	3	4	5								
Strongly disagree	0	0	0	0	0	Strongly agree	14. I am not afraid to e	xert pres	ssure to	influenc	e others	. *	
12. I have little interes	t in mv «	study pro	blems					1	2	3	4	5	
	1	2	3		5		Strongly disagree	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	Strongly agree
Strongly disagree	0	0	Õ		0	Strongly agree							
	-	-	-	-	-		15. I am emotionally s	table an	d deal w	ell with	stress. '		
13. I enjoy competitive	ness *							1	2	3	4	5	
onjoy competitive	1	2	3	4	5		Strongly disagree	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	Strongly agree
Strongly disagree				0		Strongly agree							
onongry usagree	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	Subligity dyree	Back Next						Clear form

0														
Section C: Independer	n variab	ies - Cre	auvity				9 I do	the assignme	nt in a so	phistica	ted style	*		
Creativity includes three of flexibility.	dimensior	ns which	are intell	lectual flu	iency, orig	inality, and			1	2	3	. 4	5	
Please read the following disagreement on a 5-poin			ully and i	indicate y	our level	of agreement or	Stro	ongly disagree	0	0	0	0	0	Strongly agree
Strongly Disagree = 1 Disagree = 2 Neutral = 3 Agree = 4							10. I c	an debate, hol	d argume	nts, and	persuad	de in my	study. *	
Strongly Agree = 5									1	2	3	4	5	
Based on your learning pr which you agree or disag					er to indic	ate the extent to	Stro	ongly disagree	0	0	0	0	0	Strongly agree
1. I can suggest quick						у. *	11. I d correct		to chang	e my po:	sition wh	nen I am	convince	ed that it is not *
	1	2	3	4	5				1	2	3	4	5	
Strongly disagree	0	0	0	0	0	Strongly agree	Stro	ongly disagree	0	0			0	Strongly agree
2. I can present more	than an i	idea witi	hin a she	ort perio	d. *									
·	1	2	3	4			12. I n	nake sure to m	iake chan	ges in st	tudy met	thods ev	ery perio	d. *
Strongly disagree	0	0	0	0	0	Strongly agree			1	2	3	4	5	
,, ,,							Stro	ongly disagree	0	0	0	0	0	Strongly agree
3. I can produce the la certain idea.				of single	meaning	s to denote a *	13. I ca	an see things f	rom diffe	rent ang	les. *			
	1	2	3	4	5				1	2	3	4	5	
Strongly disagree	0	0	0	0	0	Strongly agree	Stro	ongly disagree	0	0	0	0	0	Strongly agree
4. I can think quickly a	bout diff	erent cir	cumsta	nces in r	nv studv.	*								
	1	2	3	4	5									
Strongly disagree	0	0		0		Strongly agree								
5. I can express my th a specific situation.	noughts f	fluently a	and put t	them into	meanin	gful words that fit *								
	1	2	3	4	5									
Strongly disagree	0	0	\bigcirc	0	0	Strongly agree								
6. I avoid repeating m	ethods i	n my stu	idy. *											
	1	2	3	4	5									
Strongly disagree	0	0		0		Strongly agree								
 Repetition of the probored. 	ocedures	followe	d in the	learning	process	makes me *	14. I car	n present new						
	1	2	3	4	5				1	2	3	4	5	
Strongly disagree	0	0	0	0	0	Strongly agree	Stron	gly disagree	0	0	0	0	0	Strongly agree
0 Latrius to produce	nous id=-	e ie eru:	otudu *				15. I ma	ike sure to kno	ow the op	posite oj	pinion to	take ad	vantage	of it in my study. *
8. I strive to produce r									1	2	3	4	5	
Strongly disagree	1	2		4	5	Strongly agree	Stron	gly disagree	0	0	0	0	0	Strongly agree
							Back	Next						Clear form

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Section D: Independe	ent varial	bles - In	formati	on Quali	ty								
nformation quality inclu completeness. Please read the followin	g statem	ents care					4. The information which microprocess					ries is the	result of d
lisagreement on a 5-poi	int Likert	scale:						1		3			
rongly Disagree = 1 sagree = 2 eutral = 3 gree = 4							Strongly disagree	0	0	0	С	0	Strong
strongly Agree = 5							5. I get the required	l informa	tion fron	n Al as f	ast as I	need it. *	
Based on your learning p which you agree or disa					ber to ind	icate the extent to		1	2	3	4	5	
							Strongly disagree	0	0	0	С	0	Strong
1. The information ge	enerated	by Al is	correct	and erro	or-free. *								
	1	2	3	4	5		6. The information	I need is	easily ac	cessibl	e throug	jh Al. *	
Strongly disagree	0	0	0	0	0	Strongly agree	Strongly disagree	1	2	3	4 C		Strong
0. The information of		bu Alia		bies t									
2. The information g	enerated	2	Tree of	bias. *	5		7. Al helps me get in	nformatio	on direct	ly witho	ut much	effort. *	
Otropy - loc at	0	0	0		ò	Otropoli		1	2	3	4	5	
Strongly disagree	0	0	0	0	0	Strongly agree	Strongly disagree	0	0	0	С	0	Strong
3. The information I	get from	Al is rel	iable. *				8. I always get the i	nformati	on from	Al that I	need fr	om my sti	udy in time
	1	2	3	4	5			1	2	3	4	5	
Strongly disagree	0	0	0	0	0	Strongly agree	Strongly disagree	0	0	0	С	0	Strong
Strongly disagree	1	2	з ()	4	5	Strongly agree							
10. I constantly get inf university.	ormatior	n from Al	I that fits	s what I'n	n trying t	o achieve in *							
	1	2	3	4	5								
Strongly disagree	0	0	0	0	0	Strongly agree							
11. I feel that the Al-ge beneficiaries is always				ss on to r	my cours	emates or *							
	1	2	3	4	5								
Strongly disagree	\bigcirc	0	0	\bigcirc	\bigcirc	Strongly agree							
							14. Al provides me with	n all the i	nformat	ion I ne	ed for th	ne study. *	
12. The information I	get from	Al is cor	nprehen	isive and	adequat	e for my study. *		1	2	3	4	5	
	1	2	3	4	5		Strongly disagree	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	Strongly
Strongly disagree	0	\bigcirc	0	0	0	Strongly agree							
13. I feel like the inforr	mation I ç	get from	Al cover	rs all area	as of my	study at the *	15. I think the informat	ion from	Al meet	s all the	needs 4		eficiaries.
university.							Strongly diagona		2	3	4	ò	Strongly
			3	4	5		Strongly disagree	<u> </u>	<u> </u>	<u> </u>	\cup	\cup	Strongly
Strongly disagree	1	2	0	4	ò	Strongly agree		0	0	0			ouon

Section E: Dependent	variable	s - Supp	ort for <i>l</i>	Al utiliza	tion			
upport for AI utilization cademic capabilities.	includes	3 dimens	ions whi	ch are mi	indsets, se	lf management, and		
ase read the following agreement on a 5-poi			ully and i	indicate y	our level o	of agreement or		
ongly Disagree = 1 agree = 2 utral = 3								
ree = 4 rongly Agree = 5								
ed on your learning p ch you agree or disag					er to indica	ate the extent to		
. I am now more inte	erested in	what I a	am learn	ing. *				
	1	2	3	4	5			
Strongly disagree	0	0	0	0	0	Strong agree		
I have a clearer sen	ise of pu	rpose fo	r my lea	rning. *				
	1	2	3	4	5			
Strongly disagree	0	0	0	0	0	Strong agree		
I am more likely to	persever	e with th	e challe	nging pa	irts of my	learning. *		
	1	2	3	4	5			
Strongly disagree	0	0	0	0	0	Strong agree		
have a clearer und	erstandir	na of my	goals.*					
	1	2	3		5			
Strongly disagree	0	\bigcirc	0	\bigcirc	0	Strong agree		
am better able to p	prioritize	tasks. *						
	1	2	3	4	5			
Strongly disagree	0	\bigcirc	\bigcirc	\bigcirc	0	Strong agree		
I am better able to r	manage r	ny time.	*					
	1	2	3	4	5			
Strongly disagree	0	\bigcirc	\bigcirc	\bigcirc	0	Strong agree		
feel more confiden	t in my kr	nowledge	e of the a	academi	c content.	*		
	1	2	3	4	5			
Strongly disagree	0	0	\bigcirc	0	0	Strong agree		
l feel more confider	nt in apply	ying the s	skills I ha	ave learn	ed. *		9. I feel more confident in completing r 1 2 Strongly disagree O	
	1	2	3	4	5		Sarongay disagree	
Strongly disagree	0	0	\bigcirc	0	0	Strong agree	A copy of your responses will be emailed t	o yee100702@gmail.co
							Back Submit	

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Appendix 2: Blank copy Questionnaire (Malay version) Link: https://forms.gle/cuZcWBtbBidqQGbw6



Menyiasat Faktor Sokongan Pelajar Sarjana Muda untuk Penggunaan Al

Responden yang dihormati

Kami adalah pelajar sarjana muda tahun akhir yang sedang mengikuti pengajian Ijazah Sarjana Muda Pentadbiran Perniagaan (Kepujian) dari Universiti Tunku Abdul Rahman (UTAR). Kami sedang menjalankan projek penyelidikan yang bertajuk "Menyiasat faktor Sokongan Pelajar Sarjana Muda untuk Penggunaan AI". Penyelidikan ini bertujuan untuk mencapai pemahaman yang mendalam tentang faktor-faktor yang mempengaruhi sokongan pelajar prasiswazah untuk aplikasi penggunaan AI.

Terdapat LIMA (5) bahagian dalam tinjauan ini. Bahagian A adalah mengenai demografi. Bahagian B, C, D, dan E merangkumi semua pembolehubah dalam kajian ini. Sila baca arahan dengan teliti sebelum menjawab soalan. Sila jawab SEMUA bahagian. Pengisian soala selidik ini akan mengambil masa lebih kurang 5 minit. Tiada risiko terlibat dalam penyertaan anda dalam tinjauan ini.

Penyertaan anda dalam kajian ini adalah secara sukarela. Tidak akan ada kelemahan jika anda memutuskan untuk tidak melengkapkan soal selidik tanpa nama yang dilampirkan. Anda boleh menarik diri pada bila-bila masa tanpa sebarang penalti. Anda boleh menolak untuk menjawab sebarang soalan pada bila-bila masa jika anda berasa tidak selesa.

Butiran peribadi anda akan kekal tanpa nama dan akan dianggap sebagai sulit. Data yang dikumpul hanya digunakan untuk tujuan kajian akademik ini dan hanya data agregat sahaja yang akan digunakan dalam kajian ini.

Bantuan anda dalam melengkapkan soal selidik amat kami hargai. Jika anda mempunyai sebarang pertanyaan mengenai soal selidik ini, anda boleh menghubungi kami di huini1026@1utar.my.

Jika anda memutuskan untuk melengkapkan tinjauan tanpa nama yang dilampirkan ini, ini akan dianggap sebagai persetujuan sukarela dan persetujuan rasmi anda untuk mengambil bahagian dalam kajian ini. Kerjasama dan kesudian anda mengambil bahagian dalam kajian ini diucapkan ribuan terima kasih.

Yang ikhlas

Lee Hui Ni (huini1026@1utar.my)

Tan Yen Yee (yyee710@1utar.my)

Persetujuan:

 Dengan menyerahkan atau memberikan data peribadi anda kepada UTAR, anda telah bersetuju untuk data peribadi anda digunakan menurut terma dan syarat dalam Notis dan dasar kami yang berkaitan.

2. Jika anda tidak bersetuju atau kemudiannya menarik balik persetujuan anda untuk pemprosesan dan pendedahan data peribadi anda, UTAR tidak akan dapat memenuhi kewajipan kami atau menghubungi anda atau untuk membantu anda berkenaan dengan tujuan dan/atau untuk mana-mana yang lain. tujuan yang berkaitan dengan tujuan.

3. Anda boleh mengakses dan mengemas kini data peribadi anda dengan menulis kepada kami di huini1026@1utar.my.

Pengakuan Notis *

 Saya telah dimaklumkan dan bahawa saya dengan ini memahami dan bersetuju mengikut notis UTAR di atas.

🔘 Saya tidak bersetuju, data peribadi saya tidak akan diproses

Next

Penyata Perlindungan Data Peribadi

Adalah dimaklumkan bahawa menurut Akta Perlindungan Data Peribadi 2010 ("PDPA") yang berkuat kuasa pada 15 November 2013, Universiti Tunku Abdul Rahman ("UTAR") dengan ini teriku tunku membuat notis dan memerlukan persetujuan berhubung dengan pengumpulan, rakaman, penggunaan dan penyimpanan maklumat peribadi.

1. Data peribadi merujuk kepada sebarang maklumat yang mungkin secara langsung atau tidak langsung mengenal pasti seseorang yang boleh termasuk data peribadi sensitif dan luahan pendapat. Antara lain ia termasuk. Nama, kad pengenalan, tempat laini, alamat, sejarah pendidikan, sejarah pekerjaan, sejarah perubatan, jenis darah, bangsa, agama, foto, maklumat peribadi dan data penyelidikan yang berkarian.

- 2. Tujuan data peribadi anda boleh digunakan adalah termasuk tetapi tidak terhad kepada:
- a) Untuk penilaian sebarang permohonan kepada UTAR
- b) Untuk memproses sebarang faedah dan perkhidm

c) Untuk tujuan komunikasi

- d) Untuk advertorial dan berita
- e) Untuk tujuan pentadbiran am dan rekod
- f) Untuk meningkatkan nilai pendidikan
- g) Untuk tujuan pendidikan dan yang berkaitan dengan UTAR
- h) Untuk menjawab sebarang maklum balas kepada aduan dan pertanyaan
- i) Untuk tujuan tadbir urus korporat kami
- j) Bagi tujuan menjalankan penyelidikan/kerjasama

3. Data peribadi anda mungkin dipindahkan dan/atau didedahkan kepada pihak ketiga dan/atau rakan kerjasama UTAR termasuk tetapi tidak terhad kepada ejen penyumberan luar masing-masing dan dilamik tunut tujuan menenuhi kewajipan kami kepada anda berkenaan dengan tujuan dan semua tujuan lain tersebut yang berkaitan dengan tujuan dan juga dalam menyedingkan perkindmatan bersepadu, menyelenggara dan menyimpan rekod. Data anda mungkin dikongsi apabila dikehendaki oleh undang-undang dan apabila pendedahan diperlukan untuk mematuh i undang-undang yang berkenaan.

4. Sebarang maklumat peribadi yang disimpan oleh UTAR akan dimusnahkan dan/atau dipadamkan mengikut dasar pengekalan kami yang terpakai untuk kami sekiranya maklumat tersebut tidak diperlukan lagi.

5. UTAR komited dalam memastikan kerahsiaan, perlindungan, keselamatan dan ketepatan maklumat peribadi anda disediakan kepada kami dan telah menjadi dasar ketat kami yang berterusan untuk memastikan maklumat peribadi anda adalah tepat, lengkap, tidak mengelirukan dan dikemas kini. UTAR juga akan memastikan bahawa data peribadi anda tidak akan digunakan untuk tujuan politik dan komersial.

Clear form

Soalan Saringan		
Sila pilih satu jawapan yang paling sesuai untuk setiap soalan berikut:		
1. Adakah anda mengikuti program sarjana muda (ijazah Sarjana Muda)? *		
🔿 Ya (Sila teruskan)		
Tidak (Tamat tinjauan, Terima kasih)		
 Adakah institusi yang anda pelajari sekarang terletak di mana-mana daripada 3 * negeri ini (Selangor, Kuala Lumpur, dan Perak)? 		
Va (Sila teruskan)		
🔿 Tidak (Tamat tinjauan, Terima kasih)		
3. Pernahkah anda menggunakan alatan atau aplikasi berasaskan Al untuk kajian * anda?		
Va (Sila teruskan) Tidak (Tamat tinjauan, Terima kasih)		
Bahagian A: Profil Demografi		
Dalam bahagian ini, terdapat 3 soalan yang perlu dijawab. Sila pilih satu jawapan yang	 Alat Al yang manakah telah anda gunakan untuk kajian anda? (Pi yang berkenaan) 	lih semi
paling sesuai untuk setiap soalan berikut:	O Google Bard	
	Chat GPT	
1. Jantina *	Microsoft Office 365 Copilot	
🔿 Lelaki	O Bing Chat	
O Perempuan		
	7. Berapa kerapkah anda menggunakan alatan Al untuk kajian anda	l? *
2. Umur *	O Setiap hari	
0 18-20	Mingguan	
0 21-25	OBulanan	
O 26-30	Setiap tahun	
🔘 31 atau ke atas	Back Next	
3. Kumpulan etnik *		
Melayu		
O India		
C Lain-lain		
4. Apakah jenis universiti yang anda belajar di: *		
Universiti awam		
O Universiti swasta		
5. institusi tempat anda belajar terletak di: *		
Selangor		
🔿 Kuala Lumpur		

Bahagian B: Pembolet															
	nubah tid	ak bers	andar -	Ciri per	rsonaliti										
Ekstraversi, Kesepakatan,				a Besar i	iaitu Kete	rbukaan, Ketelitian,									
Sila baca kenyataan berik ketidaksetujuan anda pad				kan taha	p perseti	ijuan atau	4. Saya berorier	ntasikan ma	atlama	t dalar	n kajiar	n saya. '	*		
Sangat Tidak Setuju = 1									1	2	3	4	5		
Tidak setuju = 2 Neutral = 3 Setuju=4 Sangat Setuju = 5							Sangat tidak s	setuju (0	0	0	0	0	Sangat bersetuju	
Berdasarkan pilihan pemt mana anda bersetuju atai						menunjukkan sejauh	5. Saya memeri	lukan sesec	orang u				a dalam	kajian saya. *	
mana anua persetuju atai	I LIUGK DE	setuju u	Jengan s	soaran be	enkut.				1	2	3	4	5		
1. Saya memberi tump	uan kepa	ada idea	a dan pe	enyelesa	aian bah	aru. *	Sangat tidak :	setuju (0	0	0	0	0	Sangat bersetuju	
	1	2	3	4	5		6. Saya cemas	apabila say	a terga	anggu.	*				
Sangat tidak setuju	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	Sangat bersetuju			1	2	3	4	5		
							Sangat tidak :	setuju (0	0	0	\bigcirc	0	Sangat bersetuju	
2. Saya tidak menikma	iti peruba	ahan. *													
	1	2	3	4	5		7. Apabila tuga	san diberika	an, say	a mela	kukanr	nya den	gan seg	jera. *	
Sangat tidak setuju	0	0	0	0	\bigcirc	Sangat bersetuju			1	2	3	4	5		
Sangat tidak setuju	0	Ŭ	0	0	Ŭ	Sangat bersetuju	Sangat tidak :	setuju (0	0	0	0	0	Sangat bersetuju	
3. Saya tidak suka kon	sep abst	rak. *									b e el el e				
	1	2	3	4	5		8. Saya menyal		g lain a	apabila 2	berlak 3	u masa 4	ilah. * 5		
	0	0	0	0	0										
Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju	Sangat tidak :	setuju (0	0	0	0	0	Sangat bersetuju	
prestasi saya.	1	2	3	4	5										
Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju									
10. Saya mudah menja	linkan hu	Jbungar	n baik d	engan r	akan se	kursus saya. *									
	1	2	3	4	5										
Sangat tidak setuju	\bigcirc	\bigcirc	\bigcirc	\bigcirc	0	Sangat bersetuju									
11. Caus baraas sadib	don to go	ng di ha	oweb tel	kanan 1											
11. Saya berasa sedih (oan tega 1	ng di ba 2	awan te	kanan. ' 4	5										
	1.1	4	3	-											
	~	~	_												
Sangat tidak setuju	\bigcirc	0	0	0	0	Sangat bersetuju									
							14. Saya tidak	k takut unt	uk me	emberi	ikan te	kanan	untuk r	mempengaruhi orar	g lair
Sangat tidak setuju 12. Saya kurang bermir							14. Saya tidak	k takut unt	tuk me			kanan 3	untuk r 4	mempengaruhi orar 5	g lair
							14. Saya tidak Sangat tida		1	1	2	3		5	
	nat dalar 1	n masal	lah perr 3	nbelajar 4	an saya. 5				1	1	2	3	4	5	
12. Saya kurang bermir	nat dalar 1	n masal 2	lah perr 3	nbelajar 4	an saya. 5		Sangat tida	k setuju	1	: (3	4	5	
12. Saya kurang bermir	nat dalar 1	n masal 2 O	lah perr 3	nbelajar 4	an saya. 5		Sangat tida	k setuju	1	si dan	2) (menar	3	4	5 Sangat be	
12. Saya kurang bermir Sangat tidak setuju	nat dalam 1 O ya saing 1	n masal 2 O	lah pem 3 O	abelajan 4 O	an saya. 5 〇		Sangat tida	k setuju il dari segi	1 O	si dan	2) (menar 2	3 O	4 O ekanan 4	5 Sangat ber	setuji

Bahagian C: Pembolet	hubai	h tida	k bersa	andar -	Kreativ	iti				eh berfikir d	engan c	epat ten	tang kea	adaan	yang be	erbeza dalam kajian 🔹
Kreativiti merangkumi tiga	a dim	nensi ia	aitu kela	ancaran	intelek,	keaslian,	dan kelenturan.		saya.							
Sila baca kenyataan berik		-			kan taha	p persetu	ijuan atau				1	2	3	4	5	
ketidaksetujuan anda pad	da ska	ala Lik	ert 5 ma	ata:					Sangat ti	dak setuju	0	0	0	0	0	Sangat bersetuju
Sangat Tidak Setuju = 1 Tidak setuju = 2																
Neutral = 3 Setuju = 4									5. Saya bole	eh meluahk	an fikirai	n saya d	engan la	ancar o	lan mer	masukkannya ke 🛛 *
Sangat Setuju = 5									dalam perk	ataan yang	bermakı	na yang	sesuai d	lengan	situasi	i tertentu.
Berdasarkan pilihan pemt							menunjukkan s	ejauh			1	2	3	4	5	
mana anda bersetuju atau	u tida	ik bers	etuju de	engan s	oalan b	erikut.			Sangat ti	dak setuju	0	0	0	0	0	Sangat bersetuju
1. Saya boleh mencada masalah dalam sesuat	-		nyelesa	aian ya	ng cepa	at apabila	a menghadapi	*	6. Saya mer	ngelak men	gulang k	aedah d	alam ka	ajian sa	aya. *	
		1	2	3	4	5					1	2	3		5	
Sangat tidak setuju	(0	0	0	0	0	Sangat bers	etuiu			-	-		•		
Sungur nuuk Seruju		0	0	0	0	0	Sungar bers	ciuju	Sangat ti	dak setuju	0	0	0	0	0	Sangat bersetuju
2. Saya boleh mengem		kan le 1	bih dar 2	ipada i 3	dea dal 4	am temp 5	ooh yang singk	at. *	7. Pengular saya bosan		lur yang	diikuti d	alam pro	oses p	embela	ijaran membuatkan 🔹 *
Sangat tidak setuju	(0	0	0	0	0	Sangat bers	etuiu			1	2	3	4	5	
							-		Sangat ti	dak setuju	0	0	\bigcirc	0	0	Sangat bersetuju
Sangat tidak setuju		1	2	3	4	5	Sangat bers	etuju	Sangat ti	dak setuju	1	2 ()	з ()	4	5	Sangat bersetuju
9. Saya membuat tugasan	n deng	gan gaj	/a yang (canggih	.*											
Sangat tidak setuju	1	2	3	4	5	Sangat	bersetuju	13. Sa	ya boleh meliha	at sesuatu	ı dari sı	udut ya	ng bert	oeza.		
oungut tidak octoju	0	0	0	0	0	oungut	berbetaja			1	2	3	4		5	
10. Saya boleh berdebat, r	menga	adakar	n hujah, (dan mer	mujuk da	lam kajiar	n saya. *	Sar	gat tidak setuju	0	0	0	0	(С	Sangat bersetuju
	1	2	3	4	5											
Sangat tidak setuju	0	0	0	0	0	Sangat	bersetuju	14. Sa mudal	ya boleh menya I	ampaikan	idea ba	iharu u	ntuk be	elajar	secara	a spontan dan 🛛 *
										1	2	3	4		5	
11. Saya tidak teragak-aga bahawa ia tidak betul.	ak unt	шк те	пикаг ке	euuduka	iii saya a	рарна зау	а уакіп 🔹	Sar	gat tidak setuju	0	0	0	0	(С	Sangat bersetuju
	1	2	3	4	5											
Sangat tidak setuju	0	0	0	0	0	Sangat	bersetuju		ya pastikan me nfaatkannya da			at yang) berter	ntang	an unt	uk *
12. Saya pastikan untuk m tempoh.	nembi	uat per	ubahan	dalam k	(aedah b	elajar seti	ap *			1	2	3	4		5	
	1	2	3	4	5			Sar	gat tidak setuju	\bigcirc	\bigcirc	\bigcirc	0	(С	Sangat bersetuju
Concert tid-1	0	0		0		0	borostuju									
Sangat tidak setuju		0	0	0	0	Sangat	bersetuju	Back	Next							Clear form

Bahagian D: Pemboleh	ubah tid	ak bers	andar -	Kualiti I	Maklum	at	4. Maklumat y data yang mik					ada pen	ierima a	dalah hasil daripada *
Kualiti maklumat merangk dan kesempurnaan.	umi emp	at dime	nsi iaitu	ketepata	n, ketepa	tan masa, kerelevanan			1	2	3	4	5	
Sila baca kenyataan beriku ketidaksetujuan anda pad				kan taha	p persetu	juan atau	Sangat tida	k setuju	0	0	0	0	0	Sangat bersetuju
Sangat Tidak Setuju = 1 Tidak setuju = 2 Neutral = 3							5. Saya menda perlukan.	apat maklu	ımat ya	ang dipe	erlukan	daripad	a Al sec	epat yang saya 🛛 *
Setuju=4 Sangat Setuju = 5									1	2	3	4	5	
Berdasarkan pilihan pemb mana anda bersetuju atau						menunjukkan sejauh	Sangat tidal	< setuju	0	0	0	0	0	Sangat bersetuju
1. Maklumat yang dijar	ia oleh A	l adala	h betul (dan beb	as ralat.	*	6. Maklumat y	ang saya j	oerluka	n muda	ıh diaks	es mela	ilui Al. *	
	1	2	3	4	5				1	2	3	4	5	
Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju	Sangat tida	k setuju	0	0	0	0	0	Sangat bersetuju
2. Maklumat yang dijar	na oleh A	l adala	h bebas	daripad	la berat	sebelah. *	7. Al memban usaha.	tu saya me	endapa	tkan m	akluma	t secara	langsur	ng tanpa banyak 🛛 *
	1	2	3	4	5				1	2	3	4	5	
Sangat tidak setuju	0	$^{\circ}$	\bigcirc	0	$^{\circ}$	Sangat bersetuju	Sangat tidal	k setuju	0	\bigcirc	0	\bigcirc	0	Sangat bersetuju
3. Maklumat yang saya	dapat c	laripada	a Al bole	h diper	cayai. *		8. Saya sentia kajian saya tej				daripad	a Al yar	ng saya (perlukan daripada 🛛 *
	1	2	3	4	5				1	2	3	4	5	
Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju	Sangat tidal	k setuju	0	0	0	0	0	Sangat bersetuju
9. Maklumat yang saya saya di universiti. Sangat tidak setuju	peroleh 1	i daripa 2	3	angat re 4 〇	levan de 5	ngan pengajian * Sangat bersetuju								
0. Saya sentiasa mend aya cuba capai di univ		akluma	t daripa	da Al ya	ng sesu	ai dengan apa yang *								
	1	2	3	4	5		10.0							mun bidana 🔹
Sangat tidak setuju	\bigcirc	0	0	0	0	Sangat bersetuju	13. Saya rasa m pengajian saya (di universiti		uapatu 2 3			iykunn se	anua bioang
1. Saya merasakan ba							Sangat tidak s	etuju () C	0	San	gat bersetuju
kepada rakan sekursus	atau be	netisiai 2	i saya s	entiasa 4	sesual (іптик тегека.	14. Al memberik	an saya se	mua ma	klumat	yang saj	a perluk	an untuk	kajian ini. *
	0	0		0						2 3	4	5		
Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju	Sangat tidak s	etuju () (0	San	gat bersetuju
12. Maklumat yang say mencukupi untuk kajiar		hi darip	ada Al a	adalah k	ompreh	ensif dan *	15. Saya fikir ma			I memer			rluan ben	efisiarinya. *
	1	2	3	4	5		Sangat tidak s						San	gat bersetuju
Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju	Back Ne	xt						Clear form

Bahagian E: Pemboleh	ubah be	rsanda	ır - Sok	ongan u	intuk pei	nggunaan Al									
Sokongan untuk pengguna keupayaan akademik.	aan Al te	rmasuk	: 3 dime	nsi iaitu i	minda, pe	ngurusan diri dan		4. S	aya mempunyai pen	nahama	an yang	lebih je	las tent	ang mat	lamat saya. *
Sila baca kenyataan beriku ketidaksetujuan anda pada				akan tah	ap perse	tujuan atau		s	Gangat tidak setuju	1	2 ()	з ()	4	5	Sangat bersetuju
Sangat Tidak Setuju = 1 Tidak setuju = 2 Neutral = 3								5.5	aya lebih mampu ur	ntuk me	ngutam	akan tu	gasan '		
Setuju = 4 Sangat Setuju = 5									-,	1	2	3	4	5	
Berdasarkan pilihan pemb mana anda bersetuju atau						k menunjukkan sejauh		S	Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju
1. Saya kini lebih bermi	nat den	gan ap	a yang	saya pe	lajari. *			6. S	aya lebih mampu m	engurus	skan ma	isa saya	a. *		
	1	2	3	4	5					1	2	3	4	5	
Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju		S	Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju
2. Saya mempunyai tuji	uan yan	g lebih	jelas u	ntuk per	nbelajar	an saya. *			aya berasa lebih yak demik.	kin deng	jan penj	getahua	in saya t	tentang	kandungan *
	1	2	3	4	5					1	2	3	4	5	
Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju		S	Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju
3. Saya lebih cenderung mencabar.	g untuk	tabah o	dengan	bahagia	an pemb	elajaran saya yang	*		aya berasa lebih yak Majari.	kin dalar	m meng	japlikas	ikan ker	mahiran	yang telah *
	1	2	3	4	5					1	2	3	4	5	
Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju		S	Sangat tidak setuju	0	0	0	0	0	Sangat bersetuju
9. Saya berasa lebih	vakin (lalam	menvi	apkan i	tem per	nilaian sava *									
,	-	1	2	3	4	5									
						0									
Sangat tidak setuju] (C	0	0	0	O Sangat be	ersetuju								
copy of your response	es will b	oe ema	ailed to	yee10	0702@	gmail.com.									
Back Submit							Clear f	orm							

Appendix 3: Sources of Questionnaire

1st IV - Personality Traits adapted from Muhammad Musa & Gashayie, (2021)

Section II - Assessment of sales person's personality traits

S/N	Questions	Strongly	Agree	Neutral	Disagree	Strongly
		Agree				disagree
	Openness					
1	You focus on new ideas and solutions					
2	You do not enjoy changes					
3	You dislike abstract concepts					
	Conscientiousness					
1	You are goal oriented in your workplace					
2	You need manager reminder to do a job					
3	You are anxious when you are distracted					
	Extraversion					
1	When a task is given you do it in urgency					
2	You blame others when things go wrong					
3	You accept positively valid critics and					
	suggestions on your performance					
	Agreeableness					
1	You easily establish rapport with					
	customer					
2	You feel sad and tense under pressure					
3	You have little interest for customers					
	problems					
	Neuroticism					
1	You enjoy competitiveness					
2	You do not afraid to exert pressure to					
	influence others					
3	You are emotionally stable and deals well					
	with stress					

2nd IV - Creativity adapted from Mohammed Yousif Abo Keir et al., (2020)

Table 8 Analysis of the research sample answers to the questionnaire variable (Creativity, originality dimension)

Sr.	Statement	Mean	Standard	Ranking	Mean
			Deviation		Interpretation
1	I do the work in a sophisticated style.	3.85	1.069	3	Agree
2	I avoid repetition in solving work problems.	3.40	1.014	5	Agree
3	Repetition of the procedures followed in the completion of work makes me bored.	3.49	1.243	4	Agree
4	I have the ability to debate, hold argument and	3.91	1.058	1	Agree
	persuasion.				
5	I strive to produce new ideas in the field of work.	3.85	1.126	2	Agree
Tota	1	3.70			Agree

Table 9 Analysis of the research sample answers to the questionnaire variable (creativity, intellectual fluency dimension)

Sr.	Statement	Mean	Standard	Ranking	Mean
			Deviation		Interpretation
1	I have the ability to suggest quick solutions to	3.95	1.124	1	Agree
	face work problems.				
2	I have the ability to present more than an idea	3.89	1.055	2	Agree
	within a short period of time.				
3	I have the ability to produce the largest possible	3.70	1.036	4	Agree
	number of single meaning works to denote a				
	certain idea.				
4	I have the ability to think quickly about different	3.69	1.143	5	Agree
	circumstances.				
5	I have the ability to express my thoughts	3.77	1.085	3	Agree
	fluently and put them in to meaningful words				
	that fit a specific situation.				
Tota	1	3.80			Agree

Table 10 Analysis of the research sample answers to the questionnaire variable (creativity, flexibility dimension)

Sr.	Statement	Mean	Standard	Ranking	Mean
			Deviation		Interpretation
1	I have the ability to present new ideas to develop work spontaneously and easily.	3.70	1.036	5	Agree
2	I make sure to know the opposite opinion to take advantage of it.	3.72	1.240	4	Agree
3	I do not hesitate to change my position when I am convinced that it is not correct.	3.79	1.166	2	Agree
4	I make sure to make changes in work methods every period.	3.75	1.085	3	Agree
5	I have the ability to see things from different angles.	3.89	1.091	1	Agree
Tota	1	3.77			Agree

3rd IV - Information Quality adapted from Naeem et al., (2022)

Table 9. Weighted Arithmetic Means and Standard Deviations for Accuracy Dimension (Researchers, SPSS, 2022)

NO.	Davageanha	Mean	Standard	Assessment	Relative
NO.	Paragraphs	Mean	Deviation	Level	Importance
1	The information I give to my colleagues or others is correct and error-free.	4.25	.845	very good	1
2	The information I give my colleagues or beneficiaries is free of bias.	4.19	.981	good	2
3	The information I provide to the beneficiaries is the result of data on which microprocessors have been performed.	3.97	.855	good	3
4	The information I get at the university is from reliable sources.	3.86	.920	good	4

Table 10. Weighted Arithmetic Means and Standard Deviations for Timeliness Dimension (Researchers, SPSS, 2022)

NO.	Donographs	Maan	Standard	Assessment	Relative
NO.	Paragraphs	Mean	Deviation	Level	Importance
1	I Get the required information as fast as I need it.	3.45	1.066	good	1
2	I always get the information I need from college in time.	2.89	1.072	medium	4
3	The information I need is easily accessible from various sources at the university.	2.92	1.065	medium	3
4	The work environment at the university helps me get information directly without much effort.	2.93	1.062	medium	2

NO.	Paragraphs	Mean	Standard Deviation	Assessment Level	Relative Importance
1	The information I get is very relevant to my work at the university.	3.53	.953	good	3
2	I constantly get information that fits what I'm trying to achieve in college.	3.30	1.067	medium	4
3	I feel that the information I pass on to my college colleagues or beneficiaries is always appropriate for them.	3.73	.810	good	1
4	The information I get is commensurate with the size and variety of work I give others.	3.54	.910	good	2

Table 11. Weighted Arithmetic Me	ns and Standard Deviations	for Relevancy Dimension
(Researchers, SPSS, 2022)		

DV - Support for AI Utilization adapted from Lane et al., (2019)

Dimension of support for				Data collection guestions In relation
learning	Objective	Evaluation question	Indicator	to the initiative:

Mindsets	To deepen students' desire to engage in learning	To what extent does the initiative deepen students' engagement in their own learning?	Students report deeper engagement in their own learning	(1)	I am now more interested in what I am learning
		-		(2)	I have a clearer sense of purpose in my learning
				(3)	I am more likely to persevere with the challenging parts of my learning
Self-	To support students to build their own	To what extent does the	Students report	(1)	I have a clearer
management	learning strategies within their personal, work and study lives	initiative improve student self-	improved self- management		understanding of my goals
		management capabilities?	capabilities	(2)	I am better able to prioritise tasks
	study lives			(3)	I am better able to manage my
Academic capabilities	To improve students' academic capabilities for academic success	To what extent does the initiative improve academic capabilities?	Students report improved academic capabilities; Existing data: academic achievement (unit	(1)	time I feel more confident in my knowledge of the academic content
			grade, course GPA) and enrolment (persistence, progression, retention)	(2)	I feel more confident in applying the skills I have learnt
				(3)	I feel more confident in completing my assessment items

Appendix 4: Variable View

ile	<u>E</u> dit <u>V</u> iew	<u>D</u> ata	<u>T</u> ransform	<u>A</u> nalyze	<u>G</u> raphs <u>U</u> tiliti	es E <u>x</u> tensi	ons <u>W</u> indo	w <u>H</u> elp			
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	Name	Туре	Width	Decimals	Label	Values	Missing	Columns	Align	Measure	Role
1	undergradu	Numeric	8	2	yes,no	{1.00, yes}	99.00	8	Right	💑 Nominal	🔪 Input
2	threestates	Numeric	8	2	yes,no	{1.00, yes}	99.00	8	Right	💑 Nominal	🔪 Input
3	everused	Numeric	8	2	yes,no	{1.00, yes}	99.00	8	Right	💑 Nominal	🔪 Input
4	gender	Numeric	8	2	male,female	{1.00, male}	99.00	8	Right	💑 Nominal	🔪 Input
5	age	Numeric	8	2	18,21,26,31	{1.00, 18-2	99.00	8	Right	📲 Ordinal	🔪 Input
6	ethnic	Numeric	8	2	chinese,malay,	{1.00, chine	99.00	8	Right	💑 Nominal	🔪 Input
7	typeofuni	Numeric	8	2	public,privare	{1.00, publi	99.00	8	Right	ቆ Nominal	🔪 Input
8	locatedin	Numeric	8	2	selangor, kl, pe	{1.00, selan	99.00	8	Right	💑 Nominal	🔪 Input
9	frequently	Numeric	8	2	day,week,mont	{1.00, daily}	99.00	8	🧮 Right	📲 Ordinal	🔪 Input
10	PT1	Numeric	8	2	new ideas	{1.00, stron	99.00	8	🧮 Right	🧳 Scale	🖒 Input
11	PT2	Numeric	7	2	not enjoy chan	{1.00, stron	99.00	8	🗮 Right	🧳 Scale	🔪 Input
12	PT3	Numeric	8	2	abstract conce	{1.00, stron	99.00	8	🧮 Right	🧳 Scale	🍾 Input
13	PT4	Numeric	8	2	goal oriented	{1.00, stron	99.00	8	🧮 Right	🛷 Scale	🍾 Input
14	PT5	Numeric	8	2	monitor me	{1.00, stron	99.00	8	🧮 Right	🧳 Scale	🍾 Input
15	PT6	Numeric	8	2	anxious	{1.00, stron	99.00	8	🧮 Right	🛷 Scale	🍾 Input
16	PT7	Numeric	8	2	do it with urgency	{1.00, stron	99.00	8	🚟 Right	🛷 Scale	🍾 Input
17	PT8	Numeric	8	2	blame other	{1.00, stron	99.00	8	🧮 Right	🛷 Scale	🍾 Input
18	PT9	Numeric	8	2	valid criticisms	{1.00, stron	99.00	8	🧮 Right	🧳 Scale	🍾 Input
19	PT10	Numeric	8	2	coursemate	{1.00, stron	99.00	8	🗮 Right	🤌 Scale	ゝ Input
20	PT11	Numeric	8	2	feel sad	{1.00, stron	99.00	8	🧮 Right	🧳 Scale	🍾 Input
21	PT12	Numeric	8	2	little interest	{1.00, stron	99.00	8	🗮 Right	🤌 Scale	ゝ Input
22	PT13	Numeric	8	2	enjoy comptive	{1.00, stron	99.00	8	Right	🤣 Scale	ゝ Input
23	PT14	Numeric	8	2	exert pressure	{1.00, stron	99.00	8	🗮 Right	🛷 Scale	🔪 Input
24	PT15	Numeric	8	2	emotianally sta	{1.00, stron	99.00	8	I Right	🛷 Scale	🔪 Input

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_	Name	Туре	Width	Decimals	Label	Values	Missing	Columns	Align	Measure	Role
23	PT14	Numeric	8	2	exert pressure	{1.00, stron	99.00	8	I Right	🔗 Scale	🔪 Input
24	PT15	Numeric	8	2	emotianally sta	{1.00, stron	99.00	8	Right	🛷 Scale	🔪 Input
25	C1	Numeric	8	2	quick solutions	{1.00, stron	99.00	8	Right	🧳 Scale	🍾 Input
26	C2	Numeric	8	2	more than an i	{1.00, stron	99.00	8	Right	🧳 Scale	🍾 Input
27	C3	Numeric	8	2	largest possibl	{1.00, stron	99.00	8	Right	🛷 Scale	🔪 Input
28	C4	Numeric	8	2	different circum	{1.00, stron	99.00	8	Right	🧳 Scale	🍾 Input
29	C5	Numeric	8	2	express my tho	{1.00, stron	99.00	8	Right	🧳 Scale	🔪 Input
30	C6	Numeric	8	2	avoid repeatin	{1.00, stron	99.00	8	I Right	🔗 Scale	🔪 Input
31	C7	Numeric	8	2	repetition	{1.00, stron	99.00	8	Right	🧳 Scale	🍾 Input
32	C8	Numeric	8	2	produce new i	{1.00, stron	99.00	8	Right	🧳 Scale	🔪 Input
33	C9	Numeric	8	2	sophisticated s	{1.00, stron	99.00	8	Right	nter Scale	🔪 Input
34	C10	Numeric	8	2	debate hold ar	{1.00, stron	99.00	8	Right	🧳 Scale	🍾 Input
35	C11	Numeric	8	2	change my pos	{1.00, stron	99.00	8	Right	🛷 Scale	🔪 Input
36	C12	Numeric	8	2	changes in stu	{1.00, stron	99.00	8	Right	🧳 Scale	🍾 Input
37	C13	Numeric	8	2	see things from	{1.00, stron	99.00	8	Right	🔗 Scale	🔪 Input
38	C14	Numeric	8	2	spontaneously	{1.00, stron	99.00	8	🗮 Right	🛷 Scale	🔪 Input
39	C15	Numeric	8	2	know the oppo	{1.00, stron	99.00	8	Right	🧳 Scale	🍾 Input
40	IQ1	Numeric	8	2	correct and err	{1.00, stron	99.00	8	Right	🧳 Scale	🍗 Input
41	IQ2	Numeric	8	2	free of bias	{1.00, stron	99.00	8	Right	🧳 Scale	🔪 Input
42	IQ3	Numeric	8	2	reliable	{1.00, stron	99.00	8	🧮 Right	🛷 Scale	🔪 Input
43	IQ4	Numeric	8	2	microprocessors	{1.00, stron	99.00	8	Right	🛷 Scale	🔪 Input
44	IQ5	Numeric	8	2	as fast as i need	{1.00, stron	99.00	8	Right	🛷 Scale	🔪 Input
45	IQ6	Numeric	8	2	easily acessible	{1.00, stron	99.00	8	Right	🔗 Scale	🔪 Input
46	IQ7	Numeric	8	2	without much e	{1.00, stron	99.00	8	Right	🛷 Scale	🔪 Input
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	Name	Туре	Width	Decimals	Label	Values	Missing	Columns	Align	Measure	Role
46	IQ7	Numeric	8	2	without much e	{1.00, stron	99.00	8	Right	Scale 🤌	🍾 Input
47	IQ8	Numeric	8	2	need from my s	{1.00, stron	99.00	8	Right	🥔 Scale	🖒 Input
48	IQ9	Numeric	8	2	very relevant to	{1.00, stron	99.00	8	Right	🔗 Scale	🍗 Input
49	IQ10	Numeric	8	2	achieve in univ	{1.00, stron	99.00	8	Right	🥔 Scale	🖒 Input
50	IQ11	Numeric	8	2	pass on to my c	{1.00, stron	99.00	8	Right	🥔 Scale	🖒 Input
51	IQ12	Numeric	8	2	comprehensive	{1.00, stron	99.00	8	Right	🥔 Scale	🖒 Input
52	IQ13	Numeric	8	2	covers all areas	{1.00, stron	99.00	8	Right	🧳 Scale	🍾 Input
53	IQ14	Numeric	8	2	all the informati	{1.00, stron	99.00	8	Right	🧳 Scale	🍗 Input
54	IQ15	Numeric	8	2	meets all the n	{1.00, stron	99.00	8	Right	🥔 Scale	🖒 Input
55	SFAIU1	Numeric	8	2	more interested	{1.00, stron	99.00	8	Right	🔗 Scale	🖒 Input
56	SFAIU2	Numeric	8	2	clearer sense	{1.00, stron	99.00	8	Right	🥔 Scale	🖒 Input
57	SFAIU3	Numeric	8	2	persevere with	{1.00, stron	99.00	8	Right	🔗 Scale	🍗 Input
58	SFAIU4	Numeric	8	2	understanding	{1.00, stron	99.00	8	🗮 Right	🔗 Scale	🔪 Input
59	SFAIU5	Numeric	8	2	prioritize tasks	{1.00, stron	99.00	8	🧮 Right	🛷 Scale	🍾 Input
60	SFAIU6	Numeric	8	2	manage my time	{1.00, stron	99.00	8	Right	🔗 Scale	🍾 Input
61	SFAIU7	Numeric	8	2	academic content	{1.00, stron	99.00	8	Right	🛷 Scale	🍾 Input
62	SFAIU8	Numeric	8	2	applying the sk	{1.00, stron	99.00	8	Right	🔗 Scale	🍾 Input
63	SFAIU9	Numeric	8	2	completing my	{1.00, stron	99.00	8	Right	🧳 Scale	🍾 Input
64	NegPT2	Numeric	8	2	not enjoy chan	{1.00, stron	99.00	10	Right	🧳 Scale	🍾 Input
65	NegPT3	Numeric	8	2	abstract conce	{1.00, stron	99.00	10	Right	🧳 Scale	🍾 Input
66	NegPT5	Numeric	8	2	monitor me	{1.00, stron	99.00	10	🗮 Right	🔗 Scale	🍾 Input
67	NegPT6	Numeric	8	2	anxious	{1.00, stron	99.00	10	Right	🧳 Scale	🍾 Input
68	NegPT8	Numeric	8	2	produce new i	{1.00, stron	99.00	10	I Right	n Scale	🔪 Input
69	NegPT11	Numeric	8	2	feel sad	{1.00, stron	99.00	10	Right	🔗 Scale	S Input

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	Name	Туре	Width	Decimals	Label	Values	Missing	Columns	Align	Measure	Role
68	NegPT8	Numeric	8	2	produce new i	{1.00, stron	99.00	10	Right	Scale	🦒 Input
59	NegPT11	Numeric	8	2	feel sad	{1.00, stron	99.00	10	Right	🖋 Scale	🔪 Input
70	NegPT12	Numeric	8	2	little interest	{1.00, stron		10	Right	Scale	🔪 Input
71	NegC7	Numeric	8	2	repetition	• •		10	Right	🔗 Scale	🔪 Input
72	PT	Numeric	8	2	personal traits	None	None	10	Right	🔗 Scale	🔪 Input
73	С	Numeric	8	2	creativity	None	None	10	Right	🔗 Scale	🔪 Input
74	IQ	Numeric	8	2	information	None	None	10	Right	🔗 Scale	🍾 Input
75	SFAIU	Numeric	8	2	support	None	None	10	Right	🧳 Scale	🍾 Input
76											
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Appendix 5: Data View

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Cha	pter 4.sav [Data	Set1] - IBN	A SPSS Statis	stics Data Edi	tor												-	- 0	>
ile	<u>E</u> dit <u>V</u> iew	Data	Transform	m <u>A</u> nalyz	e <u>G</u> raph	s <u>U</u> tilities	Extensi	ons <u>W</u> indo	w <u>H</u> elp										
				A		щ	A		A 14	0	Q Sea	irch applica	tion						
2 : PT	10	5.00															Visible:	75 of 75 V	ariab
	💰 undergr	threest ates	everus ed	臱 gender	📲 age	💰 ethnic	typeofu ni	💰 locatedi n	frequen tly	🛷 PT1	🛷 РТ2	🧳 РТЗ	🛷 PT4	🦑 РТ5	🧳 РТб	🛷 РТ7	🧳 РТ8	🛷 РТ9	ø
1	1.00	1.00	1.00	2.00	2.00	1.00	2.00	2.00	2.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	1.00	4.00	
2	1.00	1.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
3	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	2.00	4.00	3.00	4.00	3.00	5.00	4.00	2.00	4.00	4.00	
4	1.00	1.00	1.00	2.00	2.00	1.00	2.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	5.00	
5	1.00	1.00	1.00	1.00	1.00	2.00	1.00	3.00	2.00	5.00	2.00	1.00	4.00	2.00	1.00	5.00	1.00	5.00	
6	1.00	1.00	1.00	1.00	2.00	1.00	1.00	3.00	2.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	
7	1.00	1.00	1.00	2.00	3.00	3.00	2.00	3.00	3.00	5.00	2.00	1.00	5.00	1.00	1.00	5.00	1.00	5.00	
8	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	2.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	3.00	4.00	
9	1.00	1.00	1.00	2.00	4.00	1.00	2.00	1.00	2.00	4.00	3.00	3.00	3.00	4.00	3.00	3.00	3.00		
10	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	3.00	3.00	3.00	4.00	3.00	5.00	3.00	3.00		
11	1.00	1.00	1.00	2.00	3.00	3.00	2.00	2.00	4.00	5.00	1.00	2.00	4.00	1.00	1.00	5.00	1.00		
12	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	4.00	3.00	1.00	3.00	4.00	4.00	4.00	4.00	4.00	
13	1.00	1.00	1.00	1.00	2.00	1.00	2.00	3.00	1.00	4.00	2.00	4.00	4.00	4.00	5.00	4.00	1.00		
14	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	4.00	2.00	3.00	4.00	3.00	3.00	3.00	3.00		
15	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	2.00	3.00	1.00	2.00	3.00	3.00	3.00	2.00	4.00		
16	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	2.00	4.00	3.00	3.00	4.00	4.00	4.00	4.00	2.00		
17	1.00	1.00	1.00	2.00	2.00	1.00	1.00	3.00	3.00	5.00	2.00	1.00	5.00	1.00	1.00	5.00	1.00		
18	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	4.00	5.00	1.00	2.00	5.00	1.00	1.00	4.00	2.00		
19	1.00	1.00	1.00	2.00	3.00	3.00	2.00	3.00	4.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00		
20	1.00	1.00	1.00	2.00	4.00	1.00	2.00	2.00	1.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00		
21	1.00	1.00	1.00	1.00	2.00	1.00	2.00	3.00	2.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00		
22	1.00	1.00	1.00	2.00	2.00	3.00	2.00	3.00	1.00	5.00	1.00	2.00	5.00	1.00	1.00	4.00	2.00	5.00	>

	pter 4.500 [JataSetTj	1 - 10141	Sr SS Stati	stics Data Ed	iitoi													- 0	
е	<u>E</u> dit ⊻	ew D	ata	Transform	m <u>A</u> naly	ze <u>G</u> raph	is <u>U</u> tilities	E <u>x</u> tensi	ons <u>W</u> ind	ow <u>H</u> elp										
) [~		- P	· 👫		A	0	Q Sea	arch applicat	tion						
: C1	2	4	4.00															Visible	75 of 75 \	/aria
	🛷 РТ9	🛷 PT	10 🔞	🔗 PT11	🧳 PT12	🛷 PT13	🧳 PT14	🧳 PT15	🛷 C1	🛷 C2	🛷 СЗ	🛷 C4	🛷 C5	🛷 C6	🛷 C7	🛷 C8	🛷 С9	🛷 C10	🔗 C11	ø
1	4.00	5	.00	4.00	5.00	5.00	2.00	4.00	4.00	4.00	1.00	2.00	5.00	4.00	4.00	1.00	4.00	2.00	5.00	
2	5.00	5	.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
3	4.00	3	.00	4.00	5.00	5.00	3.00	4.00	4.00	2.00	4.00	5.00	4.00	3.00	3.00	4.00	5.00	5.00	3.00	
4	5.00	5	.00	1.00	1.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	2.00	5.00	4.00	5.00	4.00	
5	5.00	5	.00	1.00	1.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	1.00	4.00	5.00	5.00	5.00	
6	4.00	5	.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
·	5.00	4	.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	
В	4.00	3	.00	3.00	3.00	5.00	4.00	4.00	3.00	3.00	5.00	5.00	5.00	3.00	4.00	5.00	3.00	5.00	5.00	
Э	3.00	3	.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
0	5.00	4	.00	4.00	3.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	4.00	4.00	4.00	5.00	
1	4.00		.00	1.00	2.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	1.00	5.00	4.00	5.00	5.00	
2	4.00		.00	2.00	4.00	4.00	4.00	4.00	3.00	4.00	3.00	4.00	3.00	4.00	2.00	2.00	4.00	2.00	3.00	
3	5.00	-	.00	5.00	2.00	1.00	2.00	4.00	4.00	2.00	4.00	2.00	2.00	4.00	4.00	5.00	4.00	2.00	5.00	
4	3.00		.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
5	3.00		.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
6	4.00		.00	3.00	3.00	2.00	2.00	3.00	4.00	4.00	4.00	3.00	3.00	4.00	4.00	3.00	3.00	2.00	4.00	
7	4.00		.00	1.00	1.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	1.00	5.00	4.00	5.00	5.00	
8	5.00		.00	1.00	1.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	2.00	5.00	4.00	5.00	5.00	
9	4.00		.00	1.00	2.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	4.00	5.00	4.00	5.00	
0	5.00		.00	1.00	2.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
1	4.00		.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00 4.00	
22	5.00	5	.00	1.00	1.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	

Investigating the Factors of Undergraduate Students Support for AI Utilisation

ile	<u>E</u> dit <u>V</u> ie	w <u>D</u> ata	Transform	n <u>A</u> nalyze	<u>G</u> raphs	<u>U</u> tilities	Extensio	ons <u>W</u> inde	ow <u>H</u> elp										
) 🗖	10	¥ 🏋	*=	M	A			0	Q Search	h applicatio	n						
																	Visible:	75 of 75 V	ariable
	🖋 C11	🔗 C12	6 C13	A C14	A C15	🧳 IQ1	A 102	🧬 IQ3	🧳 IQ4	🧬 IQ5	A 1Q6	🥔 IQ7	🛷 IQ8	🧬 IQ9	Ø IQ10	🔗 IQ11	A 1Q12	🤣 IQ13	1
1	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	2.00	5.00	1.00	4.00	5.00	4.00	
2	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
3	3.00	5.00	4.00	4.00	5.00	3.00	4.00	5.00	5.00	4.00	3.00	3.00	5.00	4.00	5.00	4.00	4.00	5.00	
4	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
5	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
6	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	
7	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	
8	5.00	5.00	4.00	5.00	5.00	3.00	4.00	2.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	
9	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
10	5.00	4.00	3.00	4.00	4.00	1.00	4.00	3.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	3.00	3.00	
11	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	
12	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
13	5.00	5.00	4.00	2.00	4.00	2.00	4.00	2.00	4.00	4.00	4.00	4.00	4.00	2.00	4.00	1.00	1.00	1.00	
14	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
15	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
16	4.00	3.00	3.00	3.00	4.00	3.00	4.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	
17	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	
18	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	
19	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	
20	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	
21	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
22	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	
23	5 00	5 00	4 00	5 00	5 00	4 00	5 00	5.00	4 00	5.00	5.00	4 00	4 00	5 00	5 00	4 00	5 00	5 00	>

ile	Edit	View	Data	M SPSS Statisti Transform	Analyze		Utilities	Extensio	ons Wind	ow <u>H</u> elp								- 0	
Ie	Ean		Data	Transionin	Analyze		-												
						* =	시	12				Q Searc	h application	on					
		_					-										Visib	le: 75 of 75 V	/ariak
	d 1Q1	3	IQ14	A 1Q15	SEAILU1	SFAIU2	SFAILI3	SEAIL 14	SEAIL15	SEALLIG	SEAILI7	SEALLIR .	SEAIL19	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	
ř. I		.00	5.00	4.00	5.00	2.00	4.00	5.00	4.00	5.00	2.00	5.00	4.00	1.00	2.00	1.00	1.00	5.00	1.0
		.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	1.00	1.00	1.00	1.00	1.00	
		.00	3.00	2.00	4.00	5.00	5.00	4.00	4.00	3.00	4.00	5.00	5.00	3.00	2.00	1.00	2.00	2.00	
	5	.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
	4	.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	
5	4	.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	1.00	2.00	2.00	1.00	1.00	
	5	.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	
	4	.00	4.00	4.00	4.00	4.00	4.00	3.00	5.00	5.00	5.00	5.00	5.00	1.00	1.00	1.00	2.00	3.00	
•	3	.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	3.00	3.00	
0	3	.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	3.00	3.00	1.00	3.00	
1	4	.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	
2	4	.00	4.00	4.00	4.00	4.00	3.00	4.00	3.00	4.00	4.00	4.00	4.00	3.00	5.00	2.00	2.00	2.00	
3	1	.00	4.00	2.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	2.00	4.00	4.00	2.00	2.00	1.00	5.00	
4	3	.00	3.00	3.00	4.00	1.00	5.00	2.00	4.00	3.00	4.00	2.00	3.00	4.00	3.00	3.00	3.00	3.00	
5	3	.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	5.00	4.00	3.00	3.00	2.00	
6	3	.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	4.00	
7	5	.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	
В		.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
9		.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
)		.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
1		.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	2.00	2.00	2.00	2.00	
2		.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	
3	< 5	00	4 00	4 00	5 00	5 00	4 00	5 00	5 00	4 00	4 00	5.00	4 00	5.00	4.00	5 00	4 00	5 00	>

ile	Edit	View	Data	Transform	Analyze <u>G</u> ra	aphs <u>U</u> tilities	Extension	s <u>W</u> indow	<u>H</u> elp								
				E 1			A			•	Search applic	ation				Visible: 75	-6.75 \ (i-h
	🔗 Neg	рта 🧳	NegPT11	NegPT12	NegC7	🛷 PT	🖋 с	🛷 IQ	🛷 SFAIU	var	var	var	var	var	var	Visible: 75	var
1		5.00	2.00	-	2.00	3.53	3.47	4.13	4.00								
2		1.00	1.00		1.00	3.67	4.73	5.00	4.89								
3		2.00	2.00	1.00	3.00	3.13	4.00	3.93	4.33								
4		5.00	5.00	5.00	4.00	4.47	4.60	4.60	4.56								
5		5.00	5.00	5.00	5.00	4.20	4.80	4.67	4.78								
6		1.00	1.00	1.00	1.00	3.67	4.60	4.73	4.67								
7		5.00	4.00	5.00	5.00	4.33	4.67	4.60	4.44								
8		3.00	3.00	3.00	2.00	3.20	4.20	4.27	4.44								
9		3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00								
10		3.00	2.00	3.00	3.00	3.13	3.53	3.93	4.00								
11		5.00	5.00	4.00	5.00	4.33	4.80	4.67	4.67								
12		2.00	4.00	2.00	4.00	3.40	3.47	4.00	3.78								
13		5.00	1.00	4.00	2.00	3.13	3.40	2.87	3.56								
14		3.00	3.00	3.00	3.00	3.20	3.00	3.00	3.11								
15		2.00	2.00	2.00	3.00	3.33	3.13	3.00	3.00								
16		4.00	3.00	3.00	2.00	3.07	3.27	3.80	3.67								
17		5.00	5.00		5.00	4.33	4.67	4.67	4.67								
18		4.00	5.00		4.00	4.20	4.67	4.53	4.56								
19		5.00	5.00	4.00	5.00	4.20	4.60	4.53	4.56								
20		5.00	5.00	4.00	4.00	4.20	4.60	4.67	4.67								
21		2.00	2.00		2.00	3.33	3.87	4.00	4.00								
22		4.00	5.00	5.00	4.00	4.13	4.53	4.67	4.56								

e	<u>E</u> dit <u>V</u> iew	<u>D</u> ata	Transform	m <u>A</u> nalyz	e <u>G</u> raphs	<u>U</u> tilities	Extensio	ons <u>W</u> ind	ow <u>H</u> elp										
1				¥ 📕	*=	씨	h			٠ 💽	Q Searc	h applicatio	in						
																	Visible:	75 of 75 V	ariable
	💰 undergr	threest ates	ed	臱 gender	📲 age	💑 ethnic	typeofu ni	n	frequen tly	🛷 PT1	🧳 РТ2	🧳 РТЗ	🛷 РТ4	🛷 РТ5	🧳 РТб	🛷 РТ7	🥔 РТ8	🛷 РТ9	🤣 F
2	1.00	1.00	1.00	2.00	2.00	3.00	2.00	3.00	1.00	5.00	1.00	2.00	5.00	1.00	1.00	4.00	2.00	5.00	
3	1.00	1.00	1.00	1.00	3.00	2.00	1.00	2.00	2.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	4.00	
	1.00	1.00	1.00	2.00	3.00	2.00	1.00	1.00	3.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	5.00	
	1.00	1.00	1.00	2.00	1.00	3.00	2.00	3.00	1.00	5.00	1.00	2.00	5.00	1.00	2.00	5.00	1.00	5.00	
	1.00	1.00	1.00	2.00	4.00	3.00	2.00	2.00	3.00	5.00	2.00	1.00	5.00	1.00	2.00	5.00	1.00	4.00	
	1.00	1.00	1.00	2.00	3.00	3.00	1.00	2.00	2.00	5.00	1.00	2.00	5.00	1.00	1.00	5.00	1.00	4.00	
	1.00	1.00	1.00	1.00	2.00	2.00	1.00	3.00	1.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
	1.00	1.00	1.00	2.00	2.00	3.00	1.00	3.00	3.00	4.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	5.00	
	1.00	1.00	1.00	1.00	2.00	3.00	2.00	3.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	4.00	
	1.00	1.00	1.00	1.00	3.00	3.00	2.00	3.00	3.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
	1.00	1.00	1.00	1.00	4.00	1.00	2.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
	1.00	1.00	1.00	2.00	2.00	2.00	2.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
	1.00	1.00	1.00	2.00	3.00	1.00	1.00	2.00	2.00	5.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	4.00	
	1.00	1.00	1.00	2.00	3.00	2.00	1.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
	1.00	1.00	1.00	1.00	3.00	1.00	2.00	3.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
	1.00	1.00	1.00	1.00	4.00	3.00	2.00	3.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
	1.00	1.00	1.00	2.00	1.00	3.00	1.00	3.00	3.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	1.00	
	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	3.00	5.00	3.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
	1.00	1.00	1.00	1.00	1.00	3.00	1.00	2.00	2.00	5.00	2.00	2.00	5.00	2.00	2.00	4.00	2.00	5.00	
	1.00	1.00	1.00	1.00	4.00	1.00	2.00	3.00	1.00	5.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	5.00	
	1.00	1.00	1.00	2.00	3.00	2.00	1.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	

Investigating the Factors of Undergraduate Students Support for AI Utilisation

ile	<u>E</u> dit <u>V</u>	<u>/</u> iew <u>D</u> a	ta <u>T</u> ran	sform <u>A</u> na	lyze <u>G</u> ra	ohs <u>U</u> tilitie	s E <u>x</u> tens	ions <u>W</u> in	dow <u>H</u> el	p									
		3		-		μ	A	-	A	0.	Q Sear	ch applicati	on						
																	Visible	: 75 of 75	Variable
	🛷 РТ9	🛷 PT10	🛷 PT1	1 🛷 PT12	🛷 PT13	🛷 PT14	🛷 PT15	🛷 C1	🧳 C2	🧳 C3	🛷 C4	🧳 C5	🛷 C6	🛷 C7	🦑 C8	🛷 С9	🧳 C10	🧳 C11	🛷 с
22	5.00	5.0	0 1.	1.0	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
23	4.00	5.0	0 1.	2.0	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	1.00	5.00	4.00	5.00	5.00	
24	5.00	5.0	0 1.	2.0	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	5.00	4.00	5.00	5.00	
25	5.00	4.0	0 1.	2.0	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	4
26	4.00	4.0	0 2.	1.0	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	1.00	4.00	5.00	5.00	4.00	
27	4.00	5.0	0 1.	1.0	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	1
28	5.00	4.0	0 1.	1.0	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	1
29	5.00	4.0	0 1.	2.0	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	5.00	5.00	4.00	5.00	
30	5.00	5.0	0 1.	00 1.0	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
31	4.00	5.0	0 1.	00 1.0	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	2.00	5.00	5.00	4.00	4.00	
32	5.00	4.0	0 1.	5.0	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	5.00	5.00	5.00	
33	4.00	4.0	0 1.	2.0	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	1.00	5.00	5.00	5.00	4.00	4
34	5.00	5.0	0 1.	2.0	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
35	4.00	4.0	0 1.	00 1.0	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	
36	5.00	5.0	0 1.	00 1.0	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	5.00	4.00	5.00	5.00	
37	5.00	4.0	0 1.	00 1.0	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	5.00	5.00	4.00	5.00	-
38	5.00	4.0	0 1.	2.0	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	1.00	5.00	4.00	5.00	5.00	
39	1.00	5.0	0 1.	00 1.0	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
40	5.00	5.0	0 5.	00 5.0	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	-
41	5.00	5.0	0 2.	00 1.0	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	
42	5.00	5.0	0 1.	00 1.0	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	5.00	5.00	
43	5.00	5.0	0 1.	00 1.0	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	1.00	4.00	5.00	5.00	5.00	
	<																		>

Ch	anter A	av (DataS	ot11 - IRM	SPSS Statisti	ce Data Edit	or												_	đ	×
ile	Edit	View	Data	Iransform	Analyze		Utilities	Extensio	ns Windo	w <u>H</u> elp									0	~
_				10		1 1						O Search	application							
-	100	1								14 7		Coouren	application							
																		Visible:	75 of 75 Va	ariab
	1	C11 🤞	C12	🖋 C13	P C14	🔗 C15	🧬 IQ1	🧬 IQ2	🧬 IQ3	🧬 IQ4	🧬 IQ5	🥜 IQ6	🧳 IQ7	🛷 IQ8	🧬 IQ9	🤣 IQ10	🔗 IQ11	🔗 IQ12	A 1Q13	4
2)	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	
3)	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	
1	>	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	
5)	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
6)	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	
)	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
)	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	
)	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	
)	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	
)	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	
)	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	
)	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
1)	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	
)	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	
)	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
)	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	
)	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
)	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
)	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	
	>	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	
)	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
8)	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
) <	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	

Investigating the Factors of Undergraduate Students Support for AI Utilisation

ile	<u>E</u> dit <u>V</u> i	ew D	ata	<u>T</u> ransform	Analyze	<u>G</u> raphs	<u>U</u> tilities	Extensions	<u>W</u> indow	Help									
)			1	┶╡	μ	A -		1		Q Search	n applicatio	on					
																	Visib	le: 75 of 75 V	/ariable
	N 1Q13	🧳 IQ	14	🔗 IQ15 🛛 🛷	SFAIU1 🔗	SFAIU2 🛷	SFAIU3 🛷	SFAIU4 🔗	SFAIU5 🛷	SFAIU6 🖋	SFAIU7	🔗 SFAIU8 💰	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	🛷 N
22	4.00		.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	
23	5.00	4	.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	
24	5.00	4	.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
25	4.00	5	.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
26	4.00	5	.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	
27	5.00	5	.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	
28	4.00	5	.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
29	5.00	4	.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	
30	5.00	5	.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
31	5.00	5	.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
32	5.00	5	.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
33	4.00	5	.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
34	5.00	5	.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
35	5.00	5	.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
36	5.00	4	.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
37	5.00	5	.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
38	5.00	5	.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
39	5.00	5	.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
40	4.00	4	.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	3.00	1.00	1.00	1.00	1.00	
41	4.00	5	.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	
42	5.00	5	.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	
43	5.00	5	.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
44	\$.00	4	.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	>

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2	NegPT8 4.00		NegPT12 5.00		🛷 PT		& IQ 4.67	SFAIU 4.56	var	var	var	var	var	var	var	var
	5.00	5.00		4.00	4.13 4.20	4.53	4.67	4.56								
3 4	5.00	5.00		5.00	4.20	4.73	4.53	4.56								
4 5	5.00	5.00		5.00	4.27	4.60	4.53	4.76								
6	5.00	4.00		5.00	4.20	4.53	4.53	4.56								
7	5.00	5.00		5.00	4.27	4.67	4.60	4.67								
3	5.00	5.00		5.00	4.20	4.73	4.53	4.56								
9	5.00	5.00		5.00	4.40	4.67	4.60	4.56								
D	5.00	5.00		5.00	4.27	4.60	4.73	4.56								
1	5.00	5.00	5.00	4.00	4.27	4.53	4.60	4.78								
2	5.00	5.00	1.00	5.00	4.53	4.60	4.60	4.67								
3	5.00	5.00	4.00	5.00	4.27	4.60	4.67	4.67								
4	5.00	5.00	4.00	5.00	4.33	4.67	4.60	4.67								
5	5.00	5.00	5.00	4.00	4.33	4.60	4.60	4.67								
6	5.00	5.00	5.00	5.00	4.33	4.73	4.67	4.78								
7	5.00	5.00	5.00	5.00	4.33	4.80	4.67	4.56								
8	5.00	5.00	4.00	5.00	4.40	4.73	4.80	4.78								
9	5.00	5.00	5.00	5.00	3.93	4.73	4.80	4.78								
0	1.00	1.00		1.00	3.80	4.27	4.47	4.67								
1	4.00	4.00		4.00	4.07	4.53	4.67	4.67								
2	5.00	5.00		5.00	4.33	4.67	4.73	4.67								
3	5.00	5.00		5.00	4.33	4.67	4.67	4.78								
4	≤ 5.00	5.00	5.00	5.00	4.33	4.73	4.67	4.56								

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le	<u>E</u> dit <u>V</u> iew	Data	Transforn		e <u>G</u> raph	s <u>U</u> tilities	Extension	ns <u>W</u> inde											
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	🔒 undergr 🌲	threest ates	everus ded	휽 gender	📲 age	_{ethnic}	💰 typeofu ni	locatedi n	frequen tly	st PT1	🧳 PT2	🧳 РТЗ	🛷 PT4	🧳 РТ5	🛷 РТ6	🛷 РТ7	🤣 РТ8	🛷 РТ9	1
3	1.00	1.00	1.00	2.00	3.00	2.00	1.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
4	1.00	1.00	1.00	2.00	3.00	1.00	1.00	3.00	3.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
5	1.00	1.00	1.00	2.00	4.00	1.00	2.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
5	1.00	1.00	1.00	1.00	3.00	2.00	2.00	3.00	2.00	5.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	5.00	
7	1.00	1.00	1.00	2.00	3.00	3.00	2.00	3.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
8	1.00	1.00	1.00	1.00	3.00	3.00	1.00	2.00	1.00	5.00	2.00	2.00	5.00	2.00	2.00	4.00	1.00	5.00	
)	1.00	1.00	1.00	1.00	4.00	2.00	1.00	3.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
)	1.00	1.00	1.00	2.00	3.00	3.00	2.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	1.00	5.00	1.00	4.00	
1	1.00	1.00	1.00	2.00	2.00	2.00	1.00	3.00	3.00	4.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	4.00	
2	1.00	1.00	1.00	2.00	3.00	1.00	2.00	2.00	3.00	5.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	5.00	
8	1.00	1.00	1.00	1.00	4.00	3.00	2.00	2.00	3.00	5.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	5.00	
Ļ.	1.00	1.00	1.00	2.00	3.00	1.00	1.00	3.00	1.00	5.00	1.00	2.00	5.00	1.00	2.00	5.00	1.00	5.00	
5	1.00	1.00	1.00	2.00	2.00	2.00	1.00	3.00	2.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	4.00	
5	1.00	1.00	1.00	1.00	4.00	2.00	1.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
	1.00	1.00	1.00	2.00	3.00	2.00	1.00	3.00	1.00	5.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	5.00	
3	1.00	1.00	1.00	2.00	1.00	1.00	1.00	3.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
)	1.00	1.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
)	1.00	1.00	1.00	1.00	2.00	3.00	2.00	3.00	1.00	5.00	1.00	1.00	5.00	2.00	1.00	5.00	1.00	4.00	
	1.00	1.00	1.00	1.00	3.00	2.00	1.00	3.00	1.00	5.00	1.00	2.00	5.00	1.00	2.00	5.00	1.00	5.00	
	1.00	1.00	1.00	2.00	4.00	3.00	2.00	3.00	1.00	5.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	5.00	
3	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	5.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	5.00	
L I	1.00	1.00	1.00	2.00	3.00	2.00	1.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	4.00	
	<																		3

le	Edit V	liew D	ata	Transform	n <u>A</u> naly	ze <u>G</u> rap	hs <u>U</u> tilitie	s Extens	ions <u>W</u> ine	dow <u>H</u> elp)									
			I.		¥ 🖁			h			0	Q Sear	ch applicati	on						
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	🧬 РТ9	PT1	0 🛷	PT11 4	PT12	🤣 PT13	🧬 PT14	🔗 PT15	🧬 C1	🧳 C2	🧳 СЗ	🔗 C4	🧳 C5	🧳 C6	🔗 C7	🦑 С8	🦑 С9	🧳 C10	🔗 C11	Ø c
3	5.00	5.	00	1.00	1.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	1.00	4.00	5.00	5.00	5.00	
4	5.00	5.	00	1.00	1.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	1.00	5.00	5.00	4.00	5.00	83
5	4.00	5.	00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	5.00	5.00	4.00	4.00	4
6	5.00	5.	00	1.00	1.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	4.00	4.00	
7	4.00	5.	00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	5.00	5.00	4.00	4.00	1
8	5.00	5.	00	1.00	1.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	2.00	4.00	4.00	3.00	5.00	
9	5.00	5.	00	1.00	1.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	5.00	5.00	5.00	4.00	
D	4.00	4.	00	1.00	1.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
1	4.00	5.	00	1.00	1.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
2	5.00	5.	00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	1.00	4.00	5.00	5.00	4.00	1
3	5.00	5.	00	1.00	1.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	5.00	4.00	
4	5.00	4.	00	1.00	1.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
5	4.00	5.	00	1.00	1.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
6	5.00	4.	00	1.00	2.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
7	5.00	5.	00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	2
8	4.00	4.	00	1.00	1.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	1
9	4.00	5.	00	1.00	1.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	1
0	4.00	5.	00	1.00	2.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	1
1	5.00	5.	00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	- 2
2	5.00	5.	00	1.00	1.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	4.00	5.00	
3	5.00	5.	00	1.00	1.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	5.00	
4	4.00	4.	00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	4.00	
	<																			>

ile	Edit Vi	ew <u>D</u> at	a <u>T</u> ransfo	rm Analy:	ze <u>G</u> raph	s <u>U</u> tilities	Extens	ions <u>W</u> ind	low <u>H</u> elp)									
)	1	~	*		H		A (0	Q Sear	ch applicatio	on						
																	Visible	: 75 of 75 \	/ariab
	🧬 C11	🔗 C12	🧬 C13	🖋 C14	🔗 C15	🔗 IQ1	🔗 IQ2	🧬 IQ3	NQ4	🜮 IQ5	🧬 IQ6	IQ7	A 1Q8	🧬 IQ9	🧳 IQ10	N 1Q11	NQ12	🧬 IQ13	1
3	5.00	4.0	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
4	5.00	5.0	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	
5	4.00	5.0	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	
6	4.00	5.0	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	
7	4.00	5.0	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	
3	5.00	5.0	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	
9	4.00	4.0	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	
D	5.00	5.0	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	
1	5.00	5.0	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	
2	4.00	5.0	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	
3	4.00	5.0	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	
4	5.00	5.0	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
5	4.00	5.0	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	
5	5.00	5.0	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	
7	5.00	5.0	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	
3	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	
9	4.00	5.0	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	
0	4.00	3.0	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	
1	5.00	4.0	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	
2	5.00	5.0		5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
3	5.00	4.0		5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	
4	4.00	4.0	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	

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<u>E</u> dit	View	Data	Transform	Analyze	<u>G</u> raphs	Utilities	Extensions	Window	<u>H</u> elp		
			10 3	PERSONAL A		and the second	32	-		Search application	1

	NQ13	🔗 IQ14	NQ15	🔗 SFAIU1 🤞	SFAIU2	SFAIU3 🥠	SFAIU4	SFAIU5 🛷	SFAIU6 🥠	SFAIU7	🔗 SFAIU8 🛷	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	A N
43	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
44	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
45	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
46	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
47	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
48	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	
49	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
50	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	
51	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
52	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	
53	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	
54	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
55	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
56	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
57	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
58	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	
59	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00)
60	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	
61	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
62	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	1
63	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
64	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	
65	4 00	4 00	5 00	5 00	5 00	5 00	4 00	4 00	5 00	5 00	4 00	5.00	5.00	5.00	5 00	5 00	5 00	>

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Investigating the Factors of Undergraduate Students Support for AI Utilisation

ile	<u>E</u> dit <u>V</u> iev	w <u>D</u> ata	Transform	<u>A</u> nalyze <u>G</u> r	aphs <u>U</u> tilities	Extensions	<u>W</u> indow	<u>H</u> elp								
) 🛄			ч	H I			• 🔍	Search applic	ation					
															Visible: 75 d	of 75 Variat
			NegPT12		🛷 РТ	🛷 с	🥔 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var
3	5.00	5.00	5.00	5.00	4.33	4.67	4.67	4.78								
4	5.00	5.00	5.00	5.00	4.33	4.73	4.67	4.56								
15	5.00	5.00	5.00	5.00	4.33	4.73	4.60	4.67								
46	5.00	5.00	5.00	4.00	4.33	4.67	4.73	4.67								
47	5.00	5.00	5.00	5.00	4.27	4.73	4.67	4.67								
48	5.00	5.00	5.00	4.00	4.00	4.27	4.60	4.44								
49	5.00	5.00	5.00	5.00	4.33	4.73	4.67	4.78								
50	5.00	5.00	5.00	5.00	4.20	4.60	4.67	4.67								
51	5.00	5.00	5.00	5.00	4.27	4.73	4.73	4.67								
52	5.00	5.00	5.00	5.00	4.40	4.73	4.73	4.67								
53	5.00	5.00	5.00	4.00	4.40	4.47	4.60	4.44								
54	5.00	5.00	5.00	5.00	4.20	4.60	4.47	4.56								
55	5.00	5.00	5.00	4.00	4.13	4.60	4.67	4.56								
56	5.00	5.00	4.00	5.00	4.20	4.73	4.60	4.67								
57	5.00	5.00	5.00	5.00	4.40	4.67	4.53	4.56								
58	5.00	5.00	5.00	4.00	4.27	4.60	4.60	4.56								
59	5.00	5.00	5.00	5.00	4.20	4.60	4.67	4.78								
50	5.00	5.00	4.00	5.00	4.33	4.60	4.53	4.67								
51	5.00	5.00	5.00	5.00	4.33	4.73	4.60	4.56								
2	5.00	5.00	5.00	5.00	4.33	4.67	4.67	4.56								
53	5.00	5.00	5.00	2.00	4.40	4.33	4.67	4.78								
64	4.00	5.00	5.00	5.00	4.13	4.60	4.60	4.56								
65	5 00	5.00	5 00	5 00	4 33	4 60	4 53	4 67								
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16 🔄 Chapter 4.sav [DataSet1] - IBM SPSS Statistics Data Editor ٥ Utilities Extensions Window <u>H</u>elp <u>File Edit View Data Transform Analyze Graphs</u> -Q Search application μ h Visible: 75 of 75 Variable ed ed 1.00 threest ates 1.00 🚓 gender 📲 age 💰 ethnic typeofu ni 1.00 tly 2.00 PT1 🧳 РТ2 🔗 РТЗ 🖋 РТ4 🧳 РТ5 🧳 РТб 🖋 РТ7 🧳 РТ8 🥔 РТ9 🛷 F undergr aduate 1.00 catedi * æ 2 .1 n 2.00 2.00 3.00 2.00 5.00 1.00 1.00 4.00 1.00 2.00 5.00 2.00 4.00 64 65 66 67 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 1.00 1.00 1.00 2.00 1.00 1.00 2.00 3.00 3.00 5.00 1.00 1.00 5.00 1.00 1.00 4.00 1.00 5.00 1.00 1.00 1.00 1.00 3.00 1.00 2.00 3.00 2.00 5.00 1.00 1.00 5.00 1.00 1.00 4.00 1.00 5.00 1.00 1.00 1.00 1.00 3.00 1.00 1.00 3.00 3.00 5.00 1.00 1.00 4.00 1.00 1.00 5.00 1.00 4.00 4.00 4.00 1.00 1.00 1.00 2.00 4.00 2.00 1.00 1.00 1.00 5.00 1.00 1.00 1.00 1.00 4.00 1.00 5.00 1.00 1.00 1.00 2.00 3.00 2.00 1.00 2.00 2.00 5.00 1.00 1.00 1.00 1.00 5.00 2.00 5.00 1.00 1.00 1.00 2.00 4.00 2.00 1.00 2.00 4.00 1.00 2.00 4.00 1.00 2.00 5.00 1.00 5.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 1.00 1.00 1.00 5.00 5.00 1.00 1.00 1.00 2.00 3.00 1.00 2.00 1.00 4.00 4.00 4.00 5.00 4.00 4.00 4.00 5.00 4.00 2.00 2.00 1.00 1.00 1.00 3.00 5.00 4.00 1.00 1.00 1.00 1.00 2.00 1.00 1.00 2.00 5.00 2.00 2.00 4.00 1.00 5.00 1.00 1.00 1.00 1.00 1.00 2.00 1.00 1.00 2.00 1.00 1.00 4.00 3.00 4.00 3.00 2.00 5.00 1.00 4.00 4.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 1.00 1.00 1.00 2.00 1.00 1.00 2.00 1.00 5.00 5.00 2.00 1.00 1.00 1.00 4.00 1.00 4.00 5.00 2.00 1.00 5.00 3.00 3.00 1.00 4.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 1.00 3.00 3.00 1.00 2.00 3.00 1.00 1.00 1.00 5.00 5.00 1.00 1.00 1.00 1.00 2.00 1.00 5.00 5.00 1.00 1.00 5.00 4.00 1.00 2.00 1.00 1.00 1.00 1.00 1.00 1.00 2.00 2.00 2.00 4.00 3.00 2.00 2.00 1.00 2.00 2.00 3.00 3.00 5.00 5.00 1.00 1.00 1.00 1.00 4.00 4.00 1.00 1.00 1.00 2.00 5.00 5.00 1.00 1.00 4.00 5.00 1.00 1.00 1.00 1.00 1.00 2.00 3.00 1.00 2.00 1.00 4.00 5.00 1.00 1.00 1.00 1.00 5.00 5.00 1.00 1.00 1.00 1.00 4.00 5.00 1.00 1.00 5.00 4.00 1.00 2.00 1.00 3.00 1.00 1.00 2.00 3.00 1.00 1.00 1.00 1.00 1.00 2.00 1.00 2.00 2.00 1.00 3.00 1.00 2.00 2.00 3.00 3.00 2.00 4.00 5.00 1.00 1.00 1.00 1.00 5.00 5.00 1.00 1.00 2.00 1.00 5.00 5.00 1.00 1.00 5.00 4.00 1.00 1.00 1.00 1.00 2.00 3.00 1.00 1.00 1.00 2.00 5.00 1.00 1.00 4.00 1.00 1.00 5.00 1.00 4.00 Overview Variable View Data View

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ile			ata <u>⊺</u> ra	-	alyze <u>G</u> ra				-										
									A	1		rch applicat	ion						
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	🥠 РТ9	🛷 PT10) 🛷 PT	11 🛷 PT12	🛷 PT13	🛷 PT14	🛷 PT15	🦑 C1	🦑 C2	🧳 СЗ	🛷 C4	🦑 C5	🦑 C6	🦑 C7	🥓 С8	🛷 С9	🦑 C10	🦑 C11	🛷 C1
4	4.00	4.0	0 1	.00 1.0	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	4.00	4
5	5.00	5.0	0 1	.00 1.0	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	4.00	4.00	5.00	4.00	4
6	5.00	5.0	0 1	.00 1.0	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	5
7	4.00	4.0	0 2	.00 1.0	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	4
8	5.00	4.0	0 2	.00 1.0	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	4.00	5.00	4
9	5.00	5.0	0 2	.00 1.0	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	1.00	4.00	5.00	4.00	5.00	5
0	5.00	4.0	0 1	.00 2.0	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	5.00	4
1	4.00	4.0	0 1	.00 1.0	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	1.00	5.00	5.00	4.00	5.00	5
2	4.00	4.0	0 1	.00 2.0	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	5
3	5.00	4.0	0 2	.00 1.0	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	2.00	5.00	5.00	4.00	4.00	5
4	4.00	1.0	0 2	.00 2.0	5.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	2.00	4.00	4.00	5.00	5.00	4
5	5.00	5.0	0 2	.00 3.0	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	2.00	4.00	5.00	5.00	5.00	4
6	4.00	5.0	0 1	.00 1.0	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	5.00	5.00	4.00	4.00	5
7	5.00	5.0	0 1	.00 1.0			5.00	5.00	5.00	5.00	4.00	5.00	4.00	1.00	5.00	4.00	4.00	5.00	5
8	4.00	4.0	0 1	.00 1.0			4.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	5
9	4.00	4.0	0 1	.00 1.0			4.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	5.00	4.00	5.00	5.00	5
0	5.00	5.0	0 1	.00 2.0		4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	5.00	5.00	4.00	4.00	4
1	5.00			.00 1.0			5.00	5.00	4.00	5.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	5
2	4.00	5.0		.00 1.0			4.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	4
3	5.00			.00 1.0				5.00	5.00	5.00	5.00	4.00	4.00	2.00	5.00	4.00	4.00	5.00	5
4	4.00		0 1	.00 1.0			5.00	5.00	5.00	4.00	5.00	5.00	4.00	1.00	5.00	4.00	4.00	5.00	5
85	4.00	4.0	0 1	.00 1.0	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	1.00	5.00	5.00	4.00	5.00	

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				~ [H.			0	Q Sea	irch applica	tion						
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	🔗 C11	🔗 C12	A C13	🔗 C14	S C15	N 1Q1	Ø 1Q2	A 1Q3	NQ4	🔗 IQ5	SP IQ6	al 107	🛷 IQ8	🤣 IQ9	🧬 IQ10	🧬 IQ11	A 1Q12	🥔 IQ13	1Q1
64	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.
65	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.
66	5.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.
67	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5,
68	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.
69	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.
70	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.
71	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.
72	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.
73	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.
74	5.00	4.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.
75	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.
76	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.
77	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.
78	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.
79	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.
80	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.
81	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.
82	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.
83	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.
84	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.
85	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.
86	5 00	4 00	5 00	5 00	4 00	5 00	4 00	4 00	5.00	5.00	4 00	3 00	5 00	4 00	4 00	3 00	5 00	4 00	4

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Eile	Edit	View	Data	Transform	Analyze	<u>G</u> raphs	Utilities	Extension	ns <u>W</u> indow	<u>H</u> elp									
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	Ø 1Q13	3 🥒	IQ14	NO15	SFAIU1	SFAIU2	SFAIU3	SFAIU4	SFAIU5	SFAIU6	SFAIU7	SFAIU8	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	& N
64	5.0	00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	
65	4.0		4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
66	5.0	00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	
67	4.0	00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
68	5.0	00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
59	5.0	00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	,
70	5.0	00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	1
71	4.0	00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	1
72	4.0	00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
73	4.(00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	
74	4.0	00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	3.00	3.00	2.00	3.00	4.00	5.00	
75	4.0	00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	2.00	2.00	4.00	
76	5.0	00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
77	4.(00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
78	5.0	00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
79	4.0	00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
80	5.0	00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
81	5.0	00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
82	4.0	00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	
83	5.0	00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	
84	5.0	00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
85	5.0	00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
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ile	Edit	<u>V</u> iew		Iransform	<u>A</u> nalyz		s <u>U</u> tilities	Extensions	Window			arch applicat	in l					
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	🛷 Ne	gPT8	NegPT1	1 🧳 NegP	T12 🛷	NegC7	🛷 РТ	🛷 с	🛷 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var
4		4.00	5.0	0	5.00	5.00	4.13	4.60	4.60	4.56								
5		5.00	5.0	0	5.00	5.00	4.33	4.60	4.53	4.67								
6		5.00	5.0	0	5.00	5.00	4.27	4.67	4.53	4.56								
7		5.00	4.0	0	5.00	5.00	4.20	4.67	4.60	4.67								
58		5.00	4.0	0	5.00	4.00	4.27	4.60	4.60	4.56								
69		4.00	4.0	0	5.00	5.00	4.33	4.60	4.67	4.67								
0		5.00	5.0	0	4.00	5.00	4.13	4.67	4.53	4.56								
1		5.00	5.0	0	5.00	5.00	4.07	4.60	4.53	4.67								
2		5.00	5.0	0	4.00	5.00	4.27	4.67	4.53	4.67								
3		5.00	4.0	0	5.00	4.00	4.13	4.60	4.40	4.67								
4		5.00	4.0	0	4.00	4.00	3.53	4.33	4.47	4.44								
5		4.00	4.0	0	3.00	4.00	3.93	4.40	4.53	4.67								
6		5.00	5.0	0	5.00	5.00	4.27	4.67	4.53	4.67								
7		5.00	5.0	0	5.00	5.00	4.27	4.60	4.67	4.56								
8		5.00	5.0	0	5.00	5.00	4.20	4.67	4.67	4.67								
'9		5.00	5.0	0	5.00	5.00	4.20	4.73	4.67	4.67								
0		5.00	5.0	0	4.00	5.00	4.27	4.67	4.47	4.67								
81		5.00	5.0	0	5.00	4.00	4.33	4.53	4.53	4.56								
2		5.00	5.0	0	5.00	5.00	4.27	4.60	4.47	4.67								
3		5.00	4.0	0	5.00	4.00	4.27	4.53	4.53	4.44								
4		5.00	5.0	0	5.00	5.00	4.40	4.67	4.67	4.67								
5		5.00	5.0	0	5.00	5.00	4.20	4.73	4.67	4.67								
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Investigating the Factors of Undergraduate Students Support for AI Utilisation

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	aduate	threest ates	ed	_{gender}	📲 age	_{ethnic}	🚓 typeofu ni	locatedi n	frequen	🛷 PT1	🧳 PT2	🧳 РТЗ	🛷 PT4	🦑 PT5	🧳 РТб	🦑 PT7	🧳 РТ8	🛷 РТ9	1
	1.00	1.00	1.00	2.00	3.00	1.00	1.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00	5.00	2.00	1.00	4.00	2.00	1.00	5.00	1.00	5.00	
	1.00	1.00	1.00	1.00	2.00	1.00	2.00	3.00	2.00	5.00	2.00	2.00	4.00	2.00	2.00	4.00	2.00	4.00	
<u>ا ا</u>	1.00	1.00	1.00	2.00	3.00	2.00	1.00	1.00	1.00	4.00	3.00	2.00	4.00	3.00	4.00	5.00	2.00	4.00	
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.00	2.00	2.00	4.00	2.00	2.00	4.00	2.00	5.00	
)	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	5.00	2.00	2.00	5.00	2.00	4.00	
	1.00	1.00	1.00	2.00	2.00	3.00	1.00	1.00	1.00	5.00	2.00	1.00	5.00	2.00	1.00	4.00	1.00	5.00	
	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	2.00	5.00	2.00	1.00	5.00	2.00	1.00	4.00	2.00	4.00	
	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	2.00	5.00	2.00	1.00	5.00	2.00	2.00	5.00	2.00	4.00	
	1.00	1.00	1.00	1.00	2.00	3.00	1.00	1.00	1.00	5.00	2.00	1.00	5.00	2.00	1.00	5.00	2.00	5.00	
	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	4.00	1.00	3.00	5.00	2.00	1.00	4.00	2.00	5.00	
	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	2.00	5.00	1.00	1.00	5.00	2.00	2.00	4.00	2.00	4.00	
	1.00	1.00	1.00	2.00	1.00	2.00	2.00	2.00	1.00	4.00	1.00	2.00	5.00	2.00	1.00	4.00	2.00	5.00	
	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	4.00	2.00	1.00	5.00	2.00	2.00	4.00	1.00	5.00	
	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	2.00	5.00	2.00	1.00	4.00	1.00	2.00	5.00	2.00	4.00	
0	1.00	1.00	1.00	2.00	2.00	2.00	2.00	3.00	1.00	4.00	2.00	1.00	4.00	5.00	2.00	4.00	1.00	4.00	
1	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	2.00	5.00	2.00	1.00	4.00	4.00	1.00	4.00	2.00	5.00	
2	1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	2.00	4.00	1.00	2.00	5.00	1.00	1.00	4.00	2.00	4.00	
3	1.00	1.00	1.00	2.00	1.00	1.00	1.00	3.00	1.00	4.00	1.00	2.00	5.00	2.00	2.00	5.00	1.00	4.00	
1	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00	5.00	2.00	2.00	5.00	1.00	2.00	5.00	2.00	4.00	
5	1.00	1.00	1.00	1.00	1.00	3.00	2.00	2.00	1.00	5.00	2.00	1.00	5.00	2.00	1.00	5.00	2.00	5.00	
6	1.00	1.00	1.00	2.00	1.00	3.00	1.00	3.00	2.00	2.00	2.00	1.00	4.00	4.00	1.00	4.00	2.00	5.00	
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	4.00	4.00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	1.00	5.00	5.00	4.00	5.00	
	5.00	5.00	2.00	2.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	1.00	4.00	5.00	3.00	5.00	
	4.00		3.00	2.00	4.00	3.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	2.00	4.00	5.00	4.00	4.00	
3	4.00		2.00	1.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	2.00	5.00	4.00	4.00	5.00	
)	5.00		2.00	1.00	5.00	3.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	
	4.00		2.00	1.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	2.00	4.00	4.00	5.00	4.00	
	5.00		1.00	1.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	4.00	5.00	5.00	4.00	
	4.00		2.00	2.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	2.00	5.00	5.00	5.00	4.00	
	4.00		2.00	1.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	2.00	4.00	5.00	4.00	4.00	
	5.00		2.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	2.00	5.00	3.00	5.00	4.00	
	5.00		2.00	1.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	3.00	2.00	4.00	5.00	4.00	4.00	
	4.00		1.00	2.00	4.00	5.00	5.00 5.00	4.00 4.00	4.00 5.00	5.00	5.00	5.00	4.00	1.00	4.00	3.00	5.00	4.00 4.00	
	5.00		2.00	1.00	5.00 4.00	4.00 5.00	4.00	4.00	5.00	4.00	5.00 5.00	5.00 5.00	4.00	3.00	4.00	5.00 4.00	2.00	4.00	
	4.00		2.00	1.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	2.00	4.00	4.00	4.00	4.00	
0	4.00		2.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	3.00	5.00	5.00	4.00	4.00	
1	5.00		1.00	2.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	2.00	5.00	4.00	4.00	4.00	
2	4.00		3.00	2.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	2.00	4.00	5.00	5.00	5.00	
3	4.00		1.00	2.00	4.00	5.00	5.00	5.00	4.00	3.00	4.00	5.00	5.00	2.00	5.00	4.00	5.00	4.00	
4	4.00		2.00	1.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	3.00	2.00	4.00	5.00	5.00	4.00	
5	5.00		2.00	1.00	4.00	4.00	3.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	4.00	3.00	4.00	4.00	
6	5.00		2.00	2.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	2.00	4.00	4.00	5.00	4.00	
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ile	Edit Vie	w <u>D</u> ata	Iransform	n <u>A</u> nalyze	Graph	s <u>U</u> tilities	Extensio	ons <u>W</u> ind	ow <u>H</u> elp										
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	🔗 C11	🧳 C12	🔗 C13	🧳 C14	🔗 C15	🧬 IQ1	AP 102	🧬 IQ3	A 1Q4	🧬 IQ5	🧬 IQ6	🧬 IQ7	NQ8	🧬 IQ9	🥔 IQ10	🧬 IQ11	🔗 IQ12	🧬 IQ13	4
15	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	
36	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	3.00	5.00	4.00	4.00	3.00	5.00	4.00	
37	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	
38	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	3.00	4.00	3.00	5.00	4.00	
89	4.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	
90	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	
91	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	
92	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	
93	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	
94	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	3.00	4.00	4.00	4.00	5.00	4.00	5.00	
5	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	
96	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	
97	4.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	
98	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	
99	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	
01	4.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	
02	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	
03	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	1.00	4.00	5.00	4.00	5.00	4.00	5.00	
04	4.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	
05	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	
06	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	
07	4 00	5 00	4 00	5 00	4 00	4 00	5 00	4 00	5.00	5.00	4 00	5 00	5 00	4 00	5 00	4 00	5 00	5 00	>

Overview Data View Va

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ta Cha	pter 4.s	av [Datas	Set1] - IBN	A SPSS Statistics	Data Edito	r					
Eile	Edit	View	Data	Iransform	Analyze	<u>G</u> raphs	Utilities	E <u>x</u> tensions	Window	<u>H</u> elp	
				10 3		╆╡	[L	#			Search application

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	🖉 IQ13	A 1Q14	🐓 IQ15	SFAIU1	SFAIU2	SFAIU3	SFAIU4	SFAIU5	SFAIU6	SFAIU7	SFAIU8	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	Ne Ne
85	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
86	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	
87	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	
38	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	3.00	4.00	3.00	2.00	4.00	
89	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	
90	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	4.00	
91	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	
92	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	
93	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	
94	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	
15	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	3.00	4.00	5.00	4.00	
96	4.00	3.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	
7	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	3.00	5.00	4.00	4.00	5.00	4.00	
86	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	
99	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	3.00	4.00	5.00	5.00	4.00	4.00	
00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	1.00	4.00	5.00	
01	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	3.00	4.00	5.00	4.00	5.00	2.00	5.00	4.00	
02	4.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	
03	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	
04	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	
05	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	
06	4.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	2.00	5.00	4.00	
07	5 00	4 00	5.00	4 00	5 00	5 00	4 00	4 00	5 00	5 00	4 00	5.00	4.00	5.00	2 00	5 00	5 00	

Investigating the Factors of Undergraduate Students Support for AI Utilisation

ile	<u>E</u> dit <u>V</u> ier	w <u>D</u> ata	Transform	<u>A</u> nalyze <u>G</u> r	aphs <u>U</u> tilities	Extensions	<u>W</u> indow	<u>H</u> elp								
					щ	H -		1 🖉 🍋	• ۹	earch applica	ation					
															Visible: 75 d	of 75 Varia
	🔗 NegPT8	🖋 NegPT11	NegPT12	negC7 🎺	🛷 РТ	🛷 с	🥔 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var
5	5.00	5.00	5.00	5.00	4.20	4.73	4.67	4.67								
86	5.00	4.00	4.00	5.00	4.33	4.40	4.27	4.67								
37	4.00	3.00	4.00	4.00	3.87	4.40	4.53	4.56								
88	4.00	4.00	5.00	4.00	3.67	4.47	4.20	4.67								
89	4.00	4.00	5.00	1.00	3.73	4.27	4.53	4.56								
90	4.00	4.00	5.00	4.00	4.07	4.40	4.60	4.44								
91	5.00	5.00	5.00	4.00	4.13	4.47	4.67	4.56								
92	4.00	4.00	4.00	4.00	4.07	4.60	4.53	4.56								
93	4.00	4.00	5.00	4.00	4.13	4.40	4.47	4.56								
94	4.00	4.00	5.00	4.00	4.20	4.40	4.27	4.56								
95	4.00	4.00	5.00	4.00	3.93	4.33	4.40	4.44								
96	4.00	5.00	4.00	5.00	4.13	4.47	4.33	4.44								
97	4.00	4.00	5.00	3.00	4.07	4.20	4.47	4.33								
98	5.00	4.00	5.00	4.00	4.00	4.53	4.60	4.56								
99	4.00	4.00	5.00	4.00	4.13	4.53	4.60	4.33								
00	5.00	4.00	5.00	3.00	3.80	4.47	4.60	4.56								
01	4.00	5.00	4.00	4.00	3.87	4.33	4.60	4.33								
02	4.00	3.00	4.00	4.00	4.27	4.40	4.40	4.22								
03	5.00	5.00	4.00	4.00	4.13	4.40	4.33	4.56								
04	4.00	4.00	5.00	4.00	4.13	4.40	4.53	4.56								
05	4.00	4.00	5.00	4.00	4.00	4.27	4.60	4.56								
06	4.00	4.00	4.00	4.00	3.87	4.40	4.47	4.44								
07	5 00	4 00	5 00	4 00	4 13	4 53	4 60	4 56								
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ile	<u>E</u> dit <u>V</u> ie	w <u>D</u> ata	Transform	n <u>A</u> nalyze	<u>G</u> raph	s <u>U</u> tilities	E <u>x</u> tensi	ons <u>W</u> ind	ow <u>H</u> elp										
) 🛄		¥ 🏋	* =	ч	H.			2	Q Searc	h applicatio	n						
																	Visible:	75 of 75 V	ariab
	aduate	ates	💰 everus ed	臱 gender	📲 age	_{ethnic}	typeofu ni	n	frequen tly	🛷 PT1	🧳 РТ2	🦑 РТЗ	🛷 PT4	🧳 РТ5	🧳 РТб	🛷 РТ7	🧳 РТ8	🛷 РТ9	1
05	1.00	1.00	1.00	1.00	1.00	3.00	2.00	2.00	1.00	5.00	2.00	1.00	5.00	2.00	1.00	5.00	2.00	5.00	
06	1.00	1.00	1.00	2.00	1.00	3.00	1.00	3.00	2.00	2.00	2.00	1.00	4.00	4.00	1.00	4.00	2.00	5.00	
07	1.00	1.00	1.00	2.00	2.00	2.00	1.00	2.00	1.00	4.00	2.00	1.00	5.00	4.00	1.00	5.00	1.00	5.00	
8	1.00	1.00	1.00	2.00	2.00	2.00	2.00	3.00	1.00	4.00	2.00	2.00	4.00	2.00	4.00	4.00	1.00	5.00	
09	1.00	1.00	1.00	1.00	4.00	2.00	1.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
0	1.00	1.00	1.00	2.00	1.00	2.00	1.00	2.00	2.00	5.00	2.00	1.00	4.00	5.00	2.00	5.00	2.00	5.00	
1	1.00	1.00	1.00	1.00	1.00	1.00	2.00	3.00	1.00	4.00	1.00	2.00	5.00	4.00	1.00	4.00	2.00	4.00	
2	1.00	1.00	1.00	2.00	2.00	3.00	2.00	2.00	2.00	4.00	1.00	2.00	5.00	2.00	1.00	4.00	3.00	4.00	
3	1.00	1.00	1.00	2.00	2.00	2.00	2.00	3.00	1.00	4.00	1.00	3.00	5.00	4.00	1.00	4.00	1.00	5.00	
4	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	2.00	1.00	5.00	4.00	2.00	5.00	2.00	5.00	
5	1.00	1.00	1.00	2.00	2.00	3.00	1.00	1.00	1.00	5.00	2.00	1.00	4.00	2.00	2.00	5.00	2.00	5.00	
6	1.00	1.00	1.00	2.00	2.00	2.00	2.00	1.00	2.00	4.00	2.00	1.00	5.00	4.00	2.00	4.00	1.00	5.00	
7	1.00	1.00	1.00	2.00	1.00	3.00	2.00	2.00	1.00	4.00	2.00	2.00	5.00	4.00	1.00	5.00	2.00	4.00	
8	1.00	1.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
9	1.00	1.00	1.00	1.00	3.00	3.00	2.00	3.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	2.00	4.00	
0	1.00	1.00	1.00	2.00	3.00	2.00	1.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
1	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
2	1.00	1.00	1.00	1.00	2.00	3.00	2.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
3	1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
4	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	2.00	5.00	1.00	1.00	4.00	2.00	1.00	5.00	1.00	4.00	
:5	1.00	1.00	1.00	1.00	4.00	1.00	2.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	4.00	
6	1.00	1.00	1.00	1.00	3.00	2.00	2.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	

ile	<u>E</u> dit ⊻	iew <u>D</u> at	a <u>T</u> ransfe				s E <u>x</u> tens	ions <u>W</u> ind			P								
) 🗉		∽ 📲			-M		(0.00	Q Sear	ch applicati	on						
																	Visible	: 75 of 75	Variab
	🛷 РТ9	🛷 PT10	🛷 PT11	🔗 PT12	🛷 PT13	🔗 PT14	🛷 PT15	🛷 C1	🛷 C2	🛷 СЗ	🛷 C4	🛷 C5	🛷 C6	🛷 C7	🛷 С8	🛷 С9	🛷 C10	🛷 C11	🫷 C
05	5.00	4.00	2.00	1.00	4.00	4.00	3.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	4.00	3.00	4.00	4.00	
06	5.00	5.00	2.00	2.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	2.00	4.00	4.00	5.00	4.00	
07	5.00	5.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	2.00	5.00	4.00	5.00	4.00	
80	5.00	4.00	4.00	4.00	4.00	2.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
09	5.00	5.00	1.00	1.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	
10	5.00	4.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	1.00	5.00	4.00	4.00	5.00	
11	4.00	5.00	2.00	1.00	5.00	4.00	5.00	4.00	4.00	3.00	5.00	5.00	4.00	2.00	5.00	4.00	3.00	5.00	
12	4.00	5.00	1.00	2.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	2.00	5.00	4.00	5.00	4.00	
13	5.00	4.00	2.00	1.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	2.00	5.00	5.00	4.00	5.00	
14	5.00	4.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	2.00	5.00	4.00	4.00	5.00	
15	5.00	5.00	2.00	1.00	4.00	5.00	4.00	4.00	3.00	5.00	4.00	4.00	5.00	3.00	5.00	4.00	5.00	4.00	
16	5.00	5.00	2.00	1.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	2.00	5.00	4.00	5.00	4.00	
17	4.00	5.00	2.00	1.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	2.00	4.00	5.00	4.00	5.00	
18	4.00	5.00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
19	4.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	
20	5.00	4.00	1.00	2.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
21	4.00	4.00	2.00		5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	
22	4.00	5.00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	4.00	5.00	
23	4.00	4.00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	5.00	4.00	4.00	5.00	
24	4.00	5.00			5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	4.00	
25	4.00	4.00			5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
126	5.00	4.00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	>

ile	Edit	View	Data	Transf	form Ana	lyze <u>G</u> ra	phs <u>U</u> tilitie	s E <u>x</u> ten	sions <u>W</u> ir	ndow <u>H</u> e	lp									
				IC.	~ [1 II	h			0	Q Sea	arch applica	tion						
																		Visib	le: 75 of 75	Variable
	🔗 C11	4	C12	6 C13	🤣 C14	🖋 C15	de lQ1	A 1Q2	A 1Q3	🧳 IQ4	🥜 IQ5	JAP IQ6	🥔 IQ7	SP IQ8	🥔 IQ9	🥔 IQ10	🧬 IQ11	1Q12	🧳 IQ13	🧬 IQ1
05	4.00)	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.
06	4.00)	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.
07	4.00	0	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.
08	4.00)	4.00	4.00	4.00	4.00	2.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.
09	4.00	0	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.
10	5.00)	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.
11	5.00	0	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.
12	4.00	D	5.00	4.00	5.00	4.00	4.00	5.00	5.00	3.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.
13	5.00	0	4.00	5.00	4.00	5.00	4.00	5.00	5.00	3.00	4.00	4.00	5.00	5.00	2.00	5.00	4.00	5.00	3.00	5.
14	5.00	0	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	5.00	5.00	4.00	4.00	4.
15	4.00	0	5.00	4.00	5.00	4.00	5.00	4.00	3.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.
16	4.00	0	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	3.00	4.00	5.00	4.00	5.00	5.
17	5.00)	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.
18	5.00)	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.
19	4.00)	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.
20	5.00)	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.
21	4.00)	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.
22	5.00	0	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.
23	5.00)	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.
24	4.00)	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.
25	5.00)	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.
26	5.00)	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.
27	4 00 K)	5 00	5 00	5 00	4 00	5 00	5 00	4.00	5.00	5 00	4 00	4 00	5 00	5 00	4 00	4 00	5 00	5 00	4

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	🖉 IQ13	A 1Q1	4	👂 IQ15 🛷 S	SFAIU1 🧬 :	SFAIU2 🧬	SFAIU3 🥠	SFAIU4	SFAIU5 🖉	SFAIU6	SFAIU7 🛷	SFAIU8	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	Neg
105	5.00	4.	.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	
106	4.00	4.	.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	2.00	5.00	4.00	1
107	5.00	4.	.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	2.00	5.00	5.00	
108	4.00	5.	.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	5.00	
109	5.00	5.	.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	1
110	5.00	4.	.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	4.00	5.00	1.00	4.00	4.00	-
111	4.00	4.	.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	3.00	5.00	5.00	4.00	2.00	5.00	4.00	
112	4.00	5.	.00	4.00	4.00	5.00	5.00	5.00	3.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	3.00	
113	3.00	5.	.00	5.00	5.00	4.00	5.00	3.00	4.00	4.00	5.00	5.00	4.00	5.00	3.00	2.00	5.00	5.00	
114	4.00	4.	.00	5.00	4.00	5.00	5.00	4.00	4.00	3.00	5.00	4.00	5.00	4.00	5.00	2.00	4.00	4.00	1
115	4.00	4.	.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	3.00	5.00	4.00	5.00	4.00	4.00	4.00	
116	5.00	5.	.00	4.00	4.00	5.00	3.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	2.00	4.00	5.00	1
117	4.00	5.	.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	3.00	4.00	4.00	2.00	5.00	4.00	1
118	5.00	5.	.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	1
119	5.00	5.	.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	
120	5.00	5.	.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
121	4.00	5.	.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
122	5.00	5.	.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	
123	4.00	4.	.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
124	5.00	4.	.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	
125	5.00	5.	.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	
126	4.00	5.	.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
127	\$ 00	4	00	5 00	5 00	5 00	4 00	5 00	5 00	5 00	4 00	5 00	5.00	5.00	5.00	4 00	5 00	5 00	>

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ile	<u>E</u> dit <u>V</u> ie	w <u>D</u> ata	Transform	Analyze G	raphs <u>U</u> tilities	s Extensio	ns <u>W</u> indow	Help								
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	NegPT8	🔗 NegPT11	negPT12	NegC7	🛷 PT	🛷 с	n 🍫	🛷 SFAIU	var	var	var	var	var	var	var	var
05	4.00	4.00	5.00	4.00	4.00	4.27	4.60	4.56								
06	4.00	4.00	4.00	4.00	3.87	4.40	4.47	4.44								
07	5.00	4.00	5.00	4.00	4.13	4.53	4.60	4.56								
80	5.00	2.00	2.00	2.00	3.93	3.87	4.20	4.33								
09	5.00	5.00	5.00	5.00	4.33	4.60	4.67	4.56								
10	4.00	4.00	5.00	5.00	3.87	4.53	4.60	4.44								
11	4.00	4.00	5.00	4.00	3.93	4.27	4.47	4.44								
12	3.00	5.00	4.00	4.00	3.93	4.47	4.40	4.56								
13	5.00	4.00	5.00	4.00	3.93	4.53	4.27	4.33								
14	4.00	4.00	5.00	4.00	4.00	4.47	4.27	4.33								
15	4.00	4.00	5.00	3.00	4.07	4.27	4.53	4.44								
16	5.00	4.00	5.00	4.00	3.93	4.53	4.47	4.33								
17	4.00	4.00	5.00	4.00	3.93	4.40	4.53	4.33								
18	5.00	5.00	5.00	5.00	4.27	4.67	4.60	4.56								
19	4.00	5.00	4.00	5.00	4.20	4.67	4.60	4.67								
20	5.00	5.00	4.00	5.00	4.27	4.67	4.60	4.67								
21	5.00	4.00	4.00	4.00	4.40	4.53	4.60	4.67								
22	5.00	5.00	5.00	5.00	4.27	4.67	4.60	4.67								
23	5.00	5.00	5.00	5.00	4.20	4.73	4.60	4.56								
24	5.00	5.00	4.00	2.00	4.27	4.33	4.67	4.56								
25	4.00	5.00	5.00	5.00	4.13	4.53	4.60	4.67								
26	5.00	5.00	5.00	5.00	4.27	4.67	4.60	4.78								
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26	1.00	1.00	1.00	1.00	3.00	2.00	2.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
27	1.00	1.00	1.00	2.00	3.00	3.00	1.00	1.00	2.00	5.00	1.00	1.00	4.00	2.00	1.00	4.00	1.00	5.00	
28	1.00	1.00	1.00	1.00	4.00	1.00	2.00	2.00	1.00	5.00	1.00	2.00	4.00	1.00	1.00	5.00	1.00	5.00	
29	1.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	2.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	4.00	
80	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
11	1.00	1.00	1.00	1.00	4.00	3.00	1.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	2.00	5.00	
32	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
33	1.00	1.00	1.00	2.00	2.00	3.00	2.00	3.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
34	1.00	1.00	1.00	2.00	3.00	1.00	2.00	3.00	2.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
35	1.00	1.00	1.00	2.00	4.00	3.00	1.00	3.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
86	1.00	1.00	1.00	2.00	4.00	3.00	2.00	3.00	2.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	4.00	
37	1.00	1.00	1.00	2.00	4.00	2.00	2.00	2.00	1.00	5.00	1.00	2.00	4.00	1.00	1.00	5.00	1.00	4.00	
8	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
39	1.00	1.00	1.00	2.00	4.00	3.00	2.00	3.00	2.00	4.00	1.00	2.00	4.00	1.00	1.00	5.00	1.00	4.00	
10	1.00	1.00	1.00	2.00	4.00	2.00	1.00	3.00	1.00	5.00	1.00	1.00	4.00	2.00	1.00	4.00	1.00	5.00	
\$1	1.00	1.00	1.00	2.00	3.00	3.00	1.00	3.00	2.00	4.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
12	1.00	1.00	1.00	1.00	4.00	1.00	2.00	3.00	2.00	5.00	1.00	1.00	5.00	1.00	2.00	4.00	1.00	5.00	
43	1.00	1.00	1.00	2.00	3.00	3.00	2.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
4	1.00	1.00	1.00	2.00	4.00	3.00	1.00	3.00	1.00	4.00	1.00	2.00	4.00	1.00	1.00	4.00	1.00	4.00	
15	1.00	1.00	1.00	1.00	1.00	1.00	2.00	3.00	2.00	5.00	1.00	1.00	4.00	2.00	2.00	4.00	1.00	4.00	
46	1.00	1.00	1.00	1.00	3.00	2.00	1.00	3.00	1.00	4.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	2.00	
47	1.00	1.00	1.00	2.00	4.00	3.00	2.00	2.00	2.00	5.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	

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5	5.00	4.00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
	5.00	5.00	1.00	1.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	
	5.00	5.00	1.00	1.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
	4.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	1.00	4.00	4.00	5.00	5.00	
	4.00	5.00	1.00	2.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	1.00	5.00	5.00	4.00	5.00	
	5.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	1.00	4.00	4.00	5.00	5.00	
	4.00	4.00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	5.00	4.00	5.00	5.00	
	4.00	5.00	1.00	1.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	1.00	4.00	5.00	5.00	4.00	
	4.00	4.00	1.00	1.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
	4.00	4.00	1.00	2.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	5.00	
	4.00	4.00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
	4.00	5.00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	5.00	
	4.00	4.00	1.00	1.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	1.00	5.00	5.00	4.00	4.00	
	4.00	4.00	1.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	
	5.00	5.00	1.00	1.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
	4.00	4.00	1.00	2.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
	5.00	5.00	1.00	2.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	2.00	5.00	4.00	4.00	5.00	
	4.00	4.00	1.00	2.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	1.00	4.00	5.00	5.00	5.00	
	4.00	5.00	1.00	2.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	5.00	4.00	4.00	5.00	
	4.00	4.00	1.00	2.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
	2.00	4.00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	
	5.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	4.00	

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				10	¥ 🟋	-=	NI	h			2	Q Searc	ch applicatio	n						
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	🔗 C11	1	C12	6 C13	& C14	SP C15	🔗 IQ1	1Q2	🛷 IQ3	Ø 1Q4	A 1Q5	A 1Q6	AP 1Q7	N 1Q8	🛷 IQ9	🔗 IQ10	6 IQ11	A 1Q12	1Q13	1
26	5.00		5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	
27	4.00		5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	
28	4.00		5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	
29	5.00		4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	
30	5.00		5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
31	5.00		4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	
32	5.00		4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	
33	4.00		5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	
34	5.00		5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	
35	5.00		4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	
36	5.00		5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
37	5.00		4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	
38	4.00		5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	
39	4.00		4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	
40	5.00		4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	
41	5.00		5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
42	5.00		5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	
43	5.00		4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	
44	5.00		5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	
45	4.00		5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	
46	5.00		5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
47	4.00		5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	
48	< 4 00 <		4 00	5 00	5 00	4 00	5 00	5 00	5.00	4 00	5.00	5.00	4 00	4 00	4 00	5 00	5 00	4 00	5 00	>

<u>E</u> ile <u>E</u> dit <u>V</u> iew <u>D</u> ata <u>T</u> ransform <u>A</u> nalyze <u>G</u> raphs <u>U</u> tilities Extensions <u>W</u> indow <u>H</u> elp	
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N N	NegPT8	NegPT6	NegPT5	NegPT3	NegPT2	SFAIU9	SFAIU8	SFAIU7	SFAIU6	SFAIU5	SFAIU4	SFAIU3	SFAIU2	SFAIU1	1Q15	A 1Q14	🔗 IQ13
	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00
	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00
	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00
	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00
	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00
	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00
	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00
	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00
	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00
	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00
	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00
	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00
	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00
	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00
	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00
	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00
	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00
	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00
	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00
	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00
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ile	<u>E</u> dit	View	<u>D</u> ata	Iransform A	nalyze <u>G</u> rap	hs <u>U</u> tilities	E <u>x</u> tensions	Window	Help									
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										_						Visible: 75 o	of 75 Vari	ab
	🛷 Neg	PT8 🤞	NegPT11	NegPT12	🛷 NegC7	nt 🎸	🛷 с	🧳 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var	
26		5.00	5.00	5.00	5.00	4.27	4.67	4.60	4.78									
27		5.00	5.00	5.00	4.00	4.13	4.60	4.60	4.78									
28		5.00	5.00	5.00	4.00	4.27	4.73	4.73	4.78									
29		5.00	5.00	4.00	5.00	4.13	4.53	4.60	4.56									
30		5.00	5.00	4.00	5.00	4.27	4.73	4.73	4.56									
31		4.00	5.00	4.00	5.00	4.27	4.60	4.67	4.56									
32		5.00	5.00	5.00	5.00	4.27	4.80	4.67	4.56									
33		5.00	5.00	5.00	5.00	4.20	4.67	4.67	4.56									
34		5.00	5.00	5.00	5.00	4.20	4.73	4.60	4.56									
35		5.00	5.00	4.00	5.00	4.20	4.67	4.53	4.44									
36		5.00	5.00	5.00	5.00	4.07	4.73	4.60	4.56									
37		5.00	5.00	5.00	5.00	4.20	4.73	4.60	4.67									
38		5.00	5.00	5.00	5.00	4.07	4.53	4.60	4.56									
39		5.00	5.00	5.00	5.00	4.07	4.73	4.67	4.56									
40		5.00	5.00	5.00	5.00	4.13	4.67	4.60	4.67									
41		5.00	5.00	4.00	5.00	4.13	4.60	4.60	4.67									
42		5.00	5.00	4.00	4.00	4.27	4.60	4.60	4.56									
43		5.00	5.00	4.00	5.00	4.20	4.53	4.47	4.56									
44		5.00	5.00	4.00	5.00	4.13	4.73	4.67	4.44									
45		5.00	5.00	4.00	4.00	4.13	4.53	4.60	4.56									
46		5.00	5.00	5.00	4.00	3.93	4.60	4.60	4.67									
47		5.00	5.00	4.00	5.00	4.20	4.53	4.67	4.56									
48	<	5 00	5 00	4 00	5 00	4 07	4 60	4 60	4 56									>

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7	1.00	1.00	1.00	2.00	4.00	3.00	2.00	2.00	2.00	5.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
8	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	2.00	2.00	4.00	1.00	2.00	4.00	1.00	5.00	
9	1.00	1.00	1.00	2.00	2.00	3.00	2.00	2.00	1.00	5.00	1.00	2.00	4.00	1.00	1.00	4.00	1.00	4.00	
0	1.00	1.00	1.00	2.00	3.00	2.00	2.00	1.00	2.00	4.00	2.00	2.00	4.00	2.00	1.00	4.00	1.00	5.00	
1	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	2.00	5.00	4.00	4.00	5.00	2.00	4.00	4.00	2.00	4.00	
2	1.00	1.00	1.00	2.00	3.00	2.00	2.00	1.00	1.00	5.00	2.00	2.00	5.00	4.00	1.00	5.00	1.00	4.00	
3	1.00	1.00	1.00	2.00	2.00	3.00	1.00	2.00	2.00	4.00	1.00	1.00	5.00	5.00	2.00	5.00	2.00	5.00	
4	1.00	1.00	1.00	2.00	1.00	3.00	2.00	1.00	2.00	4.00	2.00	1.00	5.00	4.00	1.00	5.00	2.00	5.00	
5	1.00	1.00	1.00	2.00	2.00	3.00	1.00	3.00	2.00	2.00	1.00	3.00	5.00	4.00	2.00	5.00	2.00	5.00	
6	1.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	4.00	2.00	1.00	5.00	5.00	4.00	3.00	2.00	5.00	
7	1.00	1.00	1.00	1.00	1.00	3.00	2.00	1.00	1.00	5.00	1.00	2.00	5.00	4.00	1.00	4.00	2.00	4.00	
в	1.00	1.00	1.00	1.00	4.00	3.00	1.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
Э	1.00	1.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	5.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00	5.00	
)	1.00	1.00	1.00	1.00	3.00	2.00	1.00	1.00	1.00	4.00	1.00	1.00	4.00	1.00	2.00	4.00	1.00	5.00	
	1.00	1.00	1.00	1.00	1.00	3.00	1.00	2.00	2.00	5.00	2.00	2.00	4.00	1.00	1.00	5.00	1.00	4.00	
2	1.00	1.00	1.00	2.00	1.00	2.00	1.00	3.00	1.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	4.00	
3	1.00	1.00	1.00	2.00	3.00	2.00	2.00	3.00	1.00	4.00	1.00	2.00	4.00	1.00	1.00	5.00	1.00	4.00	
	1.00	1.00	1.00	1.00	2.00	3.00	2.00	3.00	2.00	5.00	2.00	1.00	5.00	2.00	2.00	5.00	1.00	4.00	
5	1.00	1.00	1.00	2.00	4.00	2.00	1.00	3.00	2.00	4.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	4.00	
5	1.00	1.00	1.00	1.00	2.00	3.00	2.00	3.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	4.00	1.00	4.00	
7	1.00	1.00	1.00	2.00	4.00	1.00	2.00	3.00	2.00	5.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	4.00	
	1.00	1.00	1.00	1.00	3.00	3.00	2.00	2.00	2.00	5.00	1.00	1.00	4.00	2.00	2.00	5.00	1.00	4.00	
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	🛷 РТ9	🛷 PT10	🛷 PT11	🛷 PT12	🛷 PT13	🧳 PT14	🛷 PT15	🦑 C1	🦑 C2	🧳 СЗ	🦑 C4	🥓 C5	🦑 C6	🦑 C7	🥓 С8	🛷 С9	🛷 C10	🦑 C11	🦑 C
47	5.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	4.00	
48	5.00	5.00	1.00	2.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	
49	4.00	4.00	2.00	2.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
50	5.00	5.00	1.00	2.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
51	4.00	2.00	5.00	2.00	2.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	5.00	
52	4.00	5.00	1.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	2.00	5.00	4.00	5.00	5.00	
53	5.00	4.00	2.00	3.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	1.00	5.00	4.00	3.00	5.00	
54	5.00	5.00	1.00	1.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	
55	5.00	4.00	2.00	1.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	3.00	4.00	2.00	5.00	3.00	5.00	4.00	
56	5.00	5.00	1.00	2.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	1.00	4.00	5.00	4.00	5.00	
57	4.00	5.00	2.00	1.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	2.00	4.00	5.00	4.00	4.00	
58	5.00	5.00	1.00	2.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	
59	5.00	5.00	2.00	1.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	1.00	5.00	4.00	5.00	5.00	
60	5.00	5.00	2.00	1.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	2.00	4.00	4.00	5.00	5.00	
61	4.00	4.00	1.00	2.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
62	4.00	4.00	1.00	2.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	5.00	5.00	4.00	5.00	
63	4.00	4.00	1.00	1.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
64	4.00	3.00	1.00	1.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	1.00	4.00	5.00	5.00	5.00	
65	4.00	4.00	1.00	1.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	4.00	
66	4.00	5.00	2.00	2.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	4.00	5.00	
67	4.00	4.00	2.00	2.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	1.00	5.00	4.00	4.00	5.00	
68	4.00	4.00	2.00	1.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	

le	Edit Vie	w <u>D</u> ata	Iransfor	m Analyz	e <u>G</u> raph	s <u>U</u> tilities	Extensi	ons Wind	low <u>H</u> elp										
			10	n 🔣	-	N .	h			0	Q Searc	ch application	on						
																	Visible	: 75 of 75 \	/ariable
	🖋 C11	A C12	6 C13	🔗 C14	SP C15	🔗 IQ1	🔗 IQ2	5 ⁹ IQ3	🔗 IQ4	1Q5	A 1Q6	NQ7	A 1Q8	🧬 IQ9	🔗 IQ10	🔗 IQ11	NQ12	1Q13	A IC
47	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	
48	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	
19	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	
0	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	
1	5.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	
12	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	
3	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
4	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	3.00	5.00	5.00	4.00	5.00	4.00	-
5	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	
6	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	3.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
7	4.00	5.00	5.00	4.00	5.00	5.00	3.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	
8	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	
9	5.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	
0	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	
1	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	3.00	5.00	
2	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	3.00	5.00	4.00	5.00	5.00	5.00	
3	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	3.00	5.00	3.00	4.00	
i4	5.00	4.00	5.00	3.00	5.00	5.00	4.00	4.00	1.00	5.00	4.00	5.00	4.00	3.00	5.00	5.00	2.00	5.00	
5	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	1.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	
6	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
7	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
8	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	3.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
9	\$ 00	4 00	5 00	5 00	5 00	5 00	4 00	5.00	5.00	4.00	4.00	5 00	5 00	5 00	4 00	4 00	5 00	5 00	>

ile	Edit Vie	w Data	Transform	Analyze	Graphs	Utilities	Extension	ns Window	w <u>H</u> elp									
ine.		_	Transform	-		Quinties		1.00										
					*=		11) 💽	Q Search	n applicatio	n					
																Visible	e: 75 of 75 V	ariab
	🔗 IQ13	A 1Q14	🔗 IQ15 🤞	SFAIU1 💰	SFAIU2 🛷	SFAIU3	SFAIU4	SFAIU5	SFAIU6	SFAIU7	SFAIU8	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	1
47	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1
48	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	,
19	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	,
50	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	
51	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	2.00	2.00	4.00	2.00	4.00	
52	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	2.00	5.00	5.00)
i3	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	3.00	5.00	5.00	5.00	1.00	4.00	4.00)
54	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	2.00	5.00	4.00	1
55	4.00	3.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	3.00	5.00	4.00	5.00	3.00	2.00	4.00	4.00	1
56	5.00	3.00	5.00	5.00	5.00	5.00	3.00	4.00	3.00	5.00	5.00	4.00	4.00	5.00	1.00	2.00	4.00)
57	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	5.00	4.00	1
58	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	1
59	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
50	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	6
51	5.00	5.00	4.00	5.00	4.00	3.00	5.00	5.00	2.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	ų.
52	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	3.00	5.00	5.00	5.00	4.00	4.00	1
53	4.00	1.00	4.00	5.00	5.00	4.00	3.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00)
54	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	Ú.
65	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	1
66	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	
57	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	1
68	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	1
69	5 00	5 00	4 00	5 00	5 00	4 00	4 00	5 00	5 00	4 00	5.00	5.00	5.00	4.00	5 00	4 00	4 00	>

ile	<u>E</u> dit <u>V</u> i	iew	<u>D</u> ata	ransform	<u>A</u> nalyze <u>G</u> r	aphs <u>U</u> tilities	Extension	s <u>W</u> indow	<u>H</u> elp								
							h I		1	۹ و	Search applic	ation					
																Visible: 75 c	of 75 Varial
	🔗 NegPT8	1	NegPT11	🛷 NegPT12	🎺 NegC7	🛷 PT	🛷 с	🧳 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var
7	5.0	0	5.00	4.00	5.00	4.20	4.53	4.67	4.56								
8	5.0	0	5.00	4.00	5.00	4.07	4.60	4.60	4.56								
9	5.0	0	4.00	4.00	5.00	4.20	4.60	4.53	4.67								
0	5.0	0	5.00	4.00	4.00	4.07	4.60	4.60	4.67								
1	4.0	0	1.00	4.00	2.00	3.40	4.27	4.67	4.67								
2	5.0	0	5.00	5.00	4.00	4.00	4.53	4.53	4.56								
3	4.0	0	4.00	3.00	5.00	4.00	4.67	4.60	4.44								
4	4.0	0	5.00	5.00	4.00	3.93	4.53	4.53	4.44								
5	4.0	0	4.00	5.00	4.00	3.73	4.27	4.47	4.33								
6	4.0	0	5.00	4.00	5.00	3.73	4.53	4.40	4.33								
7	4.0	0	4.00	5.00	4.00	4.00	4.40	4.53	4.56								
8	5.0	0	5.00	4.00	4.00	4.27	4.60	4.67	4.67								
9	5.0	0	4.00	5.00	5.00	4.20	4.73	4.47	4.56								
0	5.0	0	4.00	5.00	4.00	4.13	4.53	4.60	4.56								
1	5.0	0	5.00	4.00	5.00	4.20	4.60	4.60	4.22								
2	4.0	0	5.00	4.00	5.00	4.20	4.67	4.47	4.44								
3	5.0	0	5.00	5.00	5.00	4.07	4.53	4.00	4.44								
4	5.0	0	5.00	5.00	5.00	4.00	4.47	4.07	4.56								
5	5.0	0	5.00	5.00	5.00	4.00	4.60	4.20	4.44								
6	5.0	0	4.00	4.00	4.00	4.27	4.60	4.53	4.67								
7	5.0		4.00		5.00	4.27	4.67	4.53	4.44								
8	5.0		4.00	5.00	5.00	4.20	4.53	4.40	4.56								
9	< 4.0	n	5 00	4 00	5 00	4 07	4 67	4 60	4 67								

Investigating the Factors of Undergraduate Students Support for AI Utilisation

ile	<u>E</u> dit <u>V</u> iew	<u>D</u> ata	Transform	n <u>A</u> nalyze	<u>G</u> raphs	Utilities	Extension	s <u>W</u> indo	w <u>H</u> elp										
				¥ 🏋	₽₹	씨	Ä			٠ 📀	Q Searc	h applicatio	n						
																	Visible:	75 of 75 V	ariable
	aduate	threest ates	everus ed	💑 gender	📲 age	💑 ethnic	🚓 ^{typeofu} 🧉	locatedi n	frequen tly	🛷 PT1	🧳 РТ2	🧳 РТЗ	🛷 PT4	🛷 РТ5	🥔 РТ6	🦑 PT7	🥔 РТ8	🛷 РТ9	🧳 F
68	1.00	1.00	1.00	1.00	3.00	3.00	2.00	2.00	2.00	5.00	1.00	1.00	4.00	2.00	2.00	5.00	1.00	4.00	
69	1.00	1.00	1.00	2.00	3.00	2.00	1.00	3.00	1.00	4.00	1.00	2.00	5.00	1.00	2.00	4.00	2.00	4.00	
70	1.00	1.00	1.00	1.00	2.00	3.00	2.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
71	1.00	1.00	1.00	2.00	3.00	1.00	1.00	2.00	1.00	4.00	1.00	2.00	4.00	1.00	1.00	4.00	1.00	4.00	
72	1.00	1.00	1.00	1.00	2.00	3.00	2.00	3.00	1.00	5.00	1.00	2.00	4.00	1.00	1.00	4.00	1.00	5.00	
73	1.00	1.00	1.00	1.00	2.00	1.00	1.00	3.00	2.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
74	1.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	1.00	5.00	1.00	2.00	5.00	4.00	5.00	4.00	2.00	4.00	
75	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	4.00	1.00	3.00	4.00	5.00	4.00	5.00	1.00	5.00	
76	1.00	1.00	1.00	1.00	2.00	3.00	2.00	1.00	2.00	5.00	2.00	2.00	4.00	4.00	5.00	5.00	2.00	4.00	
77	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	4.00	2.00	2.00	3.00	5.00	4.00	5.00	2.00	4.00	
78	1.00	1.00	1.00	1.00	2.00	1.00	2.00	3.00	2.00	2.00	4.00	3.00	4.00	4.00	4.00	2.00	3.00	4.00	
79	1.00	1.00	1.00	2.00	1.00	1.00	2.00	3.00	2.00	5.00	4.00	5.00	4.00	2.00	4.00	4.00	1.00	4.00	
80	1.00	1.00	1.00	1.00	1.00	3.00	1.00	2.00	2.00	4.00	2.00	3.00	5.00	4.00	5.00	5.00	2.00	4.00	
81	1.00	1.00	1.00	1.00	3.00	2.00	2.00	2.00	1.00	4.00	2.00	2.00	5.00	4.00	5.00	4.00	3.00	4.00	
32	1.00	1.00	1.00	2.00	1.00	1.00	2.00	3.00	1.00	5.00	3.00	2.00	5.00	3.00	5.00	5.00	1.00	5.00	
83	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	1.00	4.00	2.00	1.00	4.00	5.00	4.00	5.00	2.00	5.00	
34	1.00	1.00	1.00	1.00	2.00	3.00	2.00	2.00	2.00	4.00	2.00	1.00	4.00	4.00	5.00	5.00	1.00	5.00	
85	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	2.00	4.00	4.00	2.00	3.00	4.00	3.00	3.00	3.00	4.00	
36	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	5.00	
87	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	5.00	
88	1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	2.00	4.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
19	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	2.00	5.00	
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Ð	<u>E</u> dit ⊻	iew <u>D</u> ata	Transfo	rm <u>A</u> naly	/ze <u>G</u> rap	hs <u>U</u> tilities	Extensi	ions <u>W</u> ind	low <u>H</u> elp)									
) 🗖		າ 📱	i 🛓 :	씨	H.		▲ (0	Q Searc	ch applicatio	on						
																	Visible	: 75 of 75 \	√aria
	🦑 PT10	🖋 PT11	🛷 PT12	🛷 PT13	🛷 PT14	🛷 PT15	🖋 C1	🦑 C2	🧳 СЗ	🤣 C4	🛷 C5	🖋 C6	🛷 C7	🛷 C8	🛷 С9	🦑 C10	🛷 C11	🛷 C12	4
8	4.00	2.00	1.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	4.00	
9	5.00	1.00	2.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	4.00	
0	4.00	1.00	2.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	4.00	
1	5.00	1.00	2.00	4.00		5.00	4.00	5.00	5.00	5.00	4.00	5.00	1.00	5.00	5.00	4.00	5.00	5.00	
2	5.00			4.00		4.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	4.00	5.00	5.00	4.00	4.00	
3	5.00			5.00		5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
ŧ	5.00			4.00		4.00	4.00	5.00	5.00	4.00	5.00	4.00	2.00	4.00	5.00	5.00	4.00	5.00	
5	4.00			5.00		4.00	5.00	4.00	5.00	4.00	5.00	3.00	3.00	4.00	5.00	4.00	5.00	4.00	
6	5.00			5.00		5.00	4.00	5.00	4.00	5.00	4.00	5.00	1.00	4.00	5.00	5.00	4.00	5.00	
7	5.00			4.00		5.00	4.00	5.00	5.00	4.00	3.00	5.00	2.00	5.00	4.00	5.00	4.00	4.00	
8	3.00			2.00		3.00	4.00	2.00	2.00	2.00	3.00	2.00	3.00	2.00	2.00	3.00	3.00	2.00	
9	4.00			4.00		2.00	2.00	2.00	4.00	4.00	2.00	2.00	4.00	4.00	2.00	2.00	5.00	2.00	
)	5.00			4.00		5.00 5.00	4.00 4.00	5.00 5.00	4.00	5.00 4.00	5.00	5.00	2.00	5.00 4.00	4.00 5.00	5.00 4.00	5.00 5.00	4.00	
1 2	5.00			5.00		5.00	4.00	4.00	4.00	4.00	3.00 4.00	5.00 5.00	3.00	4.00	4.00	4.00	5.00	4.00	
2 3	5.00			5.00		5.00	4.00	4.00	4.00	5.00	5.00	4.00	2.00	5.00	4.00	5.00	3.00	4.00 5.00	
5 4	4.00			5.00		5.00	5.00	5.00	5.00	4.00	5.00	4.00	1.00	4.00	5.00	4.00	3.00	5.00	
4 5	3.00			4.00		4.00	3.00	3.00	3.00	4.00	4.00	2.00	4.00	3.00	2.00	3.00	4.00	2.00	
6	5.00			5.00		5.00	4.00	4.00	5.00	5.00	5.00	4.00	1.00	4.00	4.00	5.00	5.00	5.00	
7	4.00			4.00		5.00	5.00	5.00	5.00	4.00	4.00	5.00	1.00	4.00	5.00	4.00	4.00	5.00	
8	5.00			4.00		4.00	5.00	4.00	4.00	5.00	5.00	4.00	1.00	4.00	5.00	5.00	4.00	5.00	
9	4.00			5.00		4.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	5.00	4.00	4.00	5.00	5.00	
	4.00	1.00	2.00	0.00	0.00	4.00	0.00	0.00	4.00	0.00	0.00	0.00		0.00	4.00	4.00	0.00	0.00	

Eile	Edit Vi	ew Data	Transfo	rm Analy	ze Graph	s <u>U</u> tilities	s Extens	ions Win	dow <u>H</u> elp										
ine.	-	_	Transio				**		-				1						
) 🗖		າ 📱	i 📺 =		11			1	Q Sear	ch applicati	on						
																	Visible	: 75 of 75	Variab
	1 C12	A C13	🔗 C14	A C15	P IQ1	A 1Q2	🧬 IQ3	A 1Q4	A 1Q5	A 1Q6	A 1Q7	🤌 IQ8	🧬 IQ9	A 1Q10	Ø 1Q11	A 1Q12	Ø 1Q13	🧬 IQ14	010
58	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	3.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
59	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	
0	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	
1	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	
72	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
3	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
74	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	
75	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	
76	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
77	4.00	5.00	4.00	5.00	4.00	5.00	4.00	3.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	
78	2.00	4.00	2.00	3.00	4.00	3.00	4.00	3.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	
79	2.00	5.00	5.00	5.00	2.00	5.00	2.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	
30	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	3.00	4.00	5.00	3.00	5.00	4.00	
81	5.00	4.00	4.00	5.00	5.00	4.00	5.00	3.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	
82	4.00	5.00	4.00	5.00	3.00	3.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	
33	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	3.00	5.00	4.00	5.00	3.00	5.00	4.00	5.00	4.00	
84	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
35	2.00	4.00	2.00	3.00	4.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
86	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	
37	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
88	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	
89	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	

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🔗 IQ14	🔗 IQ15	SFAIU1	SFAIU2	🔗 SFAIU3 🛷	SFAIU4	SFAIU5	SFAIU6	SFAIU7	🔗 SFAIU8 🤞	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	NegPT11	4
4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	
5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	
5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	
5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	
5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	1.00	2.00	1.00	2.00	1.00	1.00	
5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	2.00	1.00	4.00	4.00	
5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	3.00	1.00	2.00	5.00	4.00	
5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	2.00	1.00	4.00	5.00	
5.00	3.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	1.00	2.00	4.00	5.00	
4.00	4.00	4.00	4.00	3.00	3.00	3.00	2.00	3.00	4.00	3.00	2.00	3.00	2.00	2.00	3.00	2.00	
5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	2.00	1.00	4.00	2.00	5.00	2.00	
4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	3.00	4.00	3.00	2.00	1.00	4.00	4.00	
4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	2.00	1.00	3.00	5.00	
4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	3.00	4.00	3.00	1.00	5.00	4.00	
4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	1.00	2.00	4.00	4.00	
5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	2.00	1.00	5.00	5.00	
4.00	3.00	3.00	3.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	4.00	2.00	3.00	3.00	3.00	
5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	
4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	
5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	
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ile	<u>E</u> dit <u>V</u> iew	<u>D</u> ata	Transform	Analyze <u>G</u> ra	aphs <u>U</u> tilities	Extension	s <u>W</u> indow	<u>H</u> elp									
					بع ا	A			•	Search applic	ation						
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ø	NegPT11	NegPT12	e 🛷 NegC7	🛷 PT	🛷 с	🛷 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var	var	
68	4.00	5.00	5.00	4.20	4.53	4.40	4.56										
69	5.00	4.00	5.00	4.07	4.67	4.60	4.67										
70	5.00	4.00	5.00	4.20	4.67	4.67	4.56										
71	5.00	4.00	5.00	4.07	4.80	4.67	4.56										
72	5.00	4.00	4.00	4.13	4.47	4.73	4.67										
73	1.00	1.00	1.00	3.73	4.53	4.80	4.78										
74	4.00	3.00	4.00	3.80	4.53	4.60	4.44										
75	4.00	4.00	3.00	3.67	4.33	4.60	4.44										
76	5.00	4.00	5.00	3.67	4.53	4.73	4.67										
77	5.00	4.00	4.00	3.53	4.40	4.33	4.56										
78	2.00	4.00	3.00	2.73	2.60	4.07	3.22										
79	2.00	2.00	2.00	3.53	3.20	4.13	4.78										
80	4.00	5.00	4.00	3.60	4.60	4.47	4.44										
81	5.00	4.00	4.00	3.40	4.33	4.40	4.56										
82	4.00	3.00	3.00	4.07	4.40	4.27	4.56										
83	4.00	5.00	4.00	3.73	4.53	4.40	4.56										
84	5.00	4.00	5.00	3.73	4.53	4.53	4.56										
85	3.00	2.00	2.00	3.27	2.93	3.87	3.67										
86	5.00	4.00	5.00	4.33	4.60	4.60	4.56										
87	5.00	4.00	5.00	4.27	4.60	4.53	4.56										
88	4.00	5.00	5.00	4.13	4.60	4.60	4.56										
89	5.00	4.00	5.00	4.13	4.73	4.67	4.44										
190	5 00	4 00	5 00	4 00	4 53	4 53	4 67									_	>

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					¥ 🏋		Ч	h			2	Q Searc	h applicatio	n						
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	💰 und adu		threest ates	ed	_{gender}	📲 age	윩 ethnic	🚓 typeofu ni	💰 locatedi 🖬	frequen tly	st PT1	🧳 РТ2	🛷 РТЗ	🛷 PT4	🥔 РТ5	🧳 РТ6	🛷 РТ7	🧳 РТ8	🛷 РТ9	ø
Э	1	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	2.00	5.00	
)	1	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00	4.00	
1	1	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	2.00	3.00	3.00	3.00	3.00	4.00	4.00	4.00	2.00	4.00	
2	1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	4.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	5.00	
	1	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	2.00	5.00	1.00	5.00	
	1	1.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	3.00	4.00	1.00	3.00	5.00	5.00	4.00	4.00	1.00	5.00	
	1	1.00	1.00	1.00	2.00	4.00	3.00	2.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00	5.00	
	1	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	4.00	3.00	2.00	4.00	5.00	5.00	5.00	2.00	4.00	
	1	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	5.00	
	1	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	5.00	
	1	1.00	1.00	1.00	2.00	4.00	1.00	2.00	2.00	2.00	5.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	4.00	
	1	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	5.00	
	1	1.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	2.00	4.00	2.00	5.00	
	1	1.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	1.00	4.00	2.00	2.00	5.00	4.00	4.00	5.00	1.00	5.00	
	1	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	4.00	1.00	2.00	4.00	1.00	2.00	4.00	2.00	5.00	
	1	1.00	1.00	1.00	2.00	3.00	3.00	2.00	3.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
	1	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	2.00	3.00	5.00	4.00	5.00	4.00	5.00	5.00	
	1	1.00	1.00	1.00	1.00	2.00	3.00	1.00	1.00	2.00	4.00	3.00	1.00	4.00	5.00	4.00	5.00	2.00	5.00	
	1	1.00	1.00	1.00	2.00	4.00	3.00	2.00	1.00	1.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	5.00	
	1	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	1.00	2.00	5.00	1.00	2.00	5.00	1.00	4.00	
	1	1.00	1.00	1.00	2.00	1.00	3.00	1.00	3.00	1.00	4.00	1.00	2.00	4.00	1.00	2.00	5.00	2.00	5.00	
	1	1.00	1.00	1.00	1.00	3.00	1.00	2.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
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																	Visible:	75 of 75 Va	ariable
	🛷 РТ9	IT10	🛷 PT11	🛷 PT12	🛷 PT13	🛷 PT14	🛷 PT15	🛷 C1	🦑 C2	🎺 СЗ	🦑 C4	🦑 C5	🦑 C6	🦑 C7	🛷 С8	🦑 С9	🥓 C10	🛷 C11	ø
89	5.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	5.00	4.00	4.00	5.00	
90	4.00	5.00	1.00	2.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	4.00	
91	4.00	5.00	2.00	3.00	5.00	4.00	4.00	4.00	5.00	3.00	5.00	4.00	4.00	3.00	5.00	4.00	5.00	3.00	
92	5.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	
93	5.00	4.00	1.00	2.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	
94	5.00	4.00	2.00	1.00	5.00	3.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	2.00	5.00	3.00	5.00	4.00	
95	5.00	5.00	1.00	2.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	
96	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	3.00	3.00	
97	5.00	5.00	1.00	2.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
86	5.00	4.00	1.00	2.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
99	4.00	5.00	1.00	2.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	4.00	4.00	
00	5.00	5.00	2.00	1.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	1.00	4.00	5.00	4.00	4.00	
01	5.00	5.00	1.00	2.00	4.00	4.00	5.00	4.00	3.00	4.00	5.00	5.00	5.00	2.00	5.00	5.00	4.00	4.00	
02	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	2.00	5.00	4.00	5.00	5.00	
03	5.00	5.00	1.00	2.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
04	5.00	5.00	1.00	2.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	4.00	4.00	5.00	5.00	
05	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	2.00	2.00	5.00	5.00	5.00	4.00	
06	5.00	5.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	3.00	5.00	5.00	3.00	4.00	
07	5.00	4.00	1.00	2.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	4.00	5.00	5.00	4.00	
08	4.00	4.00	1.00	2.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	1.00	4.00	5.00	5.00	5.00	
09	5.00	4.00	1.00	2.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	
10	5.00	4.00	1.00	2.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
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Eile	Augustan St		IBM SPSS St		lyze Gra	phs Utiliti	es Exten		ndow <u>H</u> e									- 0	×
Eue		jiew Dati		orm Ana								irch applica	tion 1						
_				-			11		14		Sec.	Irch applica	tion						
																	Visib	le: 75 of 75	5 Variable:
	🔗 C11	🔗 C12	🔗 C13	🔗 C14	A C15	🔗 IQ1	A 1Q2	A 1Q3	🧬 IQ4	🔗 IQ5	IQ6	🧳 IQ7	🛷 IQ8	🧬 IQ9	🧬 IQ10	🧬 IQ11	NO12	🧳 IQ13	de lQ1
189	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5. ^
190	4.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.
191	3.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.
192	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.
193	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	3.00	3.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.
194	4.00	5.00	5.00	5.00	4.00	4.00	5.00	3.00	5.00	5.00	3.00	4.00	5.00	4.00	5.00	2.00	5.00	5.00	5.
195	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.
196	3.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	3.00	3.00	2.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.
197	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.
198	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.
199	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.
200	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.
201	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.
202	5.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	3.00	4.00	5.00	5.00	5.00	4.00	4.
203	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.
204	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.
205	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.
206	4.00	4.00	5.00	3.00	5.00	4.00	4.00	5.00	3.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.
207	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.
208	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.
209	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	3.00	4.00	5.00	5.00	4.
210	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.
211	\$ 00	4 00	4 00	5 00	3 00	5 00	4 00	4.00	4.00	4.00	5 00	5 00	4 00	4 00	5 00	5 00	5 00	4 00	5 ~

Overview Data View

Variable View

									49										
Chap	oter 4.sav [[DataSet1]	- IBM	SPSS Statistic	s Data Edito	or												- 0	×
ile	Edit Vi	ew D	ata	Iransform	Analyze	<u>G</u> raphs	Utilities	Extensio	ns <u>W</u> indow	Help									
				5		* =	N.	A				Q Search	application	n					
		1	100				-										Visib	le: 75 of 75 \	/ariab
	🔗 IQ13	A 10	14 4	P 1Q15	SEAIU1	SFAILI2	SEAIU3	SFAILI4	SFAIU5	SEAILI6	SEAIU7	SEAILI8	SEAILIS	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	
89	4.00	100 A	.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	
90	4.00		.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
91	4.00		.00	5.00	5.00	4.00	4.00	3.00	5.00	5.00	4.00	5.00	4.00	3.00	3.00	2.00	2.00	4.00	
92	5.00		.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
93	5.00	5	.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	
94	5.00	5	.00	5.00	4.00	3.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	3.00	1.00	2.00	5.00	
95	5.00	5	.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
96	5.00	5	.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	3.00	4.00	1.00	1.00	4.00	,
97	4.00	5	.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	1
98	4.00	4	.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	
99	4.00	4	.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	1
00	5.00	4	.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00)
:01	5.00	4	.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	
02	4.00	4	.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	2.00	2.00	5.00	
03	5.00	5	.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	
04	5.00	5	.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	
05	5.00	4	.00	5.00	4.00	4.00	5.00	5.00	4.00	3.00	5.00	5.00	4.00	4.00	3.00	2.00	1.00	1.00	
06	4.00	4	.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	3.00	5.00	1.00	2.00	4.00	
07	4.00	5	.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	3.00	5.00	4.00	5.00	4.00	5.00	
08	5.00	4	.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
09	5.00	4	.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	3.00	5.00	4.00	5.00	4.00	4.00	
10	5.00	5	.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	
11	4 00	5	00	5 00	4 00	4 00	5 00	4 00	5 00	4 00	3 00	4 00	5 00	5.00	4.00	5 00	5 00	5.00	>

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е	<u>E</u> dit	<u>V</u> iew	<u>D</u> ata	Transform	Analyze	<u>G</u> raphs	<u>U</u> tilities	E <u>x</u> tensions	Window	<u>H</u> elp								
		۲				Ł≓	м	H 🔤	1	20	Q Se	arch applicat	tion					
	A		A				A	A -	A	A		1					Visible: 75 of	75 Varial
	Ve			1 🛷 NegPT			🛷 РТ	« C	🛷 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var
Э		4.00	5.0			5.00	4.13	4.73	4.67	4.44								
D		5.00	5.0			5.00	4.00	4.53	4.53	4.67								
1		4.00	4.0			3.00	3.40	4.20	4.47	4.33								
2		5.00	5.0			4.00	4.33	4.67	4.67	4.67								
3		5.00	5.0			4.00	4.20	4.47	4.27	4.44								
14 15		5.00	4.0			4.00	3.60	4.47	4.33									
		5.00	5.0			4.00	4.13	4.53	4.67	4.67								
6		4.00	1.0			2.00	3.73	4.20	4.20									
17 18		5.00 5.00	5.0 5.0			5.00 5.00	4.27 4.27	4.47 4.53	4.53 4.53									
99		5.00	5.0			5.00	4.27	4.53	4.53	4.44								
10		5.00	4.0			5.00	4.13	4.60	4.53									
10		4.00	4.0			4.00	4.13	4.53	4.60									-
12		5.00	1.0			4.00	4.20	4.47	4.33	4.33								
13		4.00	5.0			5.00	4.07	4.60	4.47	4.33								
14		5.00	5.0			4.00	4.27	4.40	4.53									
15		1.00	1.0			4.00	3.73	4.33	4.53	4.33								
06		4.00	4.0			3.00	3.67	4.27	4.27	4.67								
17		5.00	5.0			5.00	4.27	4.60	4.60									-
8		5.00	5.0			5.00	4.20	4.60	4.53									
19		4.00	5.0			4.00	4.07	4.40	4.47	4.44								
10		5.00	5.0			5.00	4.33	4.60	4.53									
11		5 00	4 0	0 50	00	4 00	4 07	4 33	4 53	4 22								

	E-04 10		M SPSS Stati	. Analum	. O		Esteral	A Mind	au Uala										
ile	Edit Vi	_	Transfor	m <u>A</u> nalyze		-		_	ow <u>H</u> elp										
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																	Visible:	75 of 75 V	ariab
	o undergr	threest	everus	💰 gender	age	🚓 ethnic	o typeofu	o locatedi	_s frequen	🖋 PT1	🧳 РТ2	🧳 РТЗ	🛷 РТ4	🧳 РТ5	🧳 РТ6	🛷 РТ7	🧳 РТ8	🛷 РТ9	ø
	aduate	ates 🗳	🂑 ed	•0 ge		••••	typeofu ni	ф n	tly	• • • •			• • • • •			• • • •		• • • •	Ť.,
10	1.00	1.00	1.00	1.00	3.00	1.00	2.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	4.00	
212	1.00	1.00	1.00	2.00	4.00	2.00	2.00	2.00	1.00	5.00	1.00	2.00	5.00	2.00	1.00	4.00	1.00	5.00	
213	1.00	1.00	1.00	2.00	3.00	3.00	2.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
214	1.00	1.00	1.00	1.00	4.00	2.00	1.00	1.00	1.00	4.00	2.00	2.00	4.00	1.00	2.00	5.00	1.00	4.00	
15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.00	1.00	2.00	4.00	2.00	2.00	4.00	1.00	4.00	
16	1.00	1.00	1.00	1.00	1.00	3.00	1.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	5.00	
217	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	2.00	4.00	2.00	1.00	4.00	5.00	5.00	4.00	2.00	4.00	
218	1.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	4.00	1.00	3.00	5.00	4.00	5.00	5.00	1.00	5.00	
219	1.00	1.00	1.00	1.00	3.00	2.00	1.00	1.00	1.00	5.00	2.00	1.00	4.00	1.00	2.00	5.00	2.00	4.00	
220	1.00	1.00	1.00	1.00	4.00	3.00	1.00	2.00	1.00	5.00	2.00	1.00	4.00	1.00	2.00	4.00	2.00	4.00	
21	1.00	1.00	1.00	2.00	3.00	2.00	1.00	3.00	2.00	5.00	2.00	1.00	4.00	1.00	2.00	4.00	2.00	5.00	
22	1.00	1.00	1.00	2.00	4.00	3.00	2.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	5.00	
23	1.00	1.00	1.00	1.00	4.00	3.00	1.00	1.00	2.00	4.00	2.00	1.00	5.00	1.00	2.00	5.00	2.00	5.00	
24	1.00	1.00	1.00	2.00	1.00	3.00	2.00	1.00	2.00	4.00	1.00	1.00	4.00	2.00	2.00	5.00	2.00	5.00	
25	1.00	1.00	1.00	1.00	4.00	2.00	1.00	1.00	2.00	5.00	2.00	1.00	4.00	1.00	2.00	4.00	1.00	4.00	
26	1.00	1.00	1.00	2.00	1.00	3.00	1.00	3.00	2.00	4.00	1.00	1.00	4.00	2.00	2.00	5.00	1.00	5.00	
27	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	5.00	2.00	1.00	4.00	5.00	5.00	5.00	2.00	5.00	
28	1.00	1.00	1.00	1.00	4.00	1.00	2.00	2.00	2.00	4.00	2.00	1.00	5.00	2.00	2.00	5.00	2.00	4.00	
29	1.00	1.00	1.00	1.00	1.00	3.00	2.00	2.00	2.00	4.00	2.00	1.00	4.00	4.00	5.00	5.00	2.00	4.00	
230	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	5.00	1.00	1.00	5.00	4.00	5.00	3.00	1.00	4.00	
231	1.00	1.00	1.00	1.00	2.00	1.00	2.00	3.00	2.00	4.00	2.00	2.00	4.00	2.00	4.00	2.00	1.00	4.00	

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ile	<u>E</u> dit <u>V</u> ie	ew <u>D</u> ata	Transfor	m <u>A</u> naly:	ze <u>G</u> raph	s <u>U</u> tilities	Extensio	ons <u>W</u> ind	ow <u>H</u> elp										
) 🛄		1	1	ч	A		A (2	Q Searc	ch applicatio	in						
																	Visible:	75 of 75 V	/ariab
	🛷 РТ9	🛷 PT10	🛷 PT11	🛷 PT12	🛷 PT13	🛷 PT14	🦑 PT15	🎺 C1	🔗 C2	🛷 СЗ	🛷 C4	🛷 C5	🛷 C6	🛷 C7	🦑 C8	🛷 С9	🛷 C10	🛷 C11	I (
0	5.00	4.00	1.00	2.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
1	4.00	4.00	2.00	1.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	2.00	5.00	4.00	5.00	5.00	
2	5.00	5.00	2.00	1.00	5.00	4.00	3.00	5.00	4.00	3.00	4.00	4.00	5.00	1.00	5.00	5.00	4.00	5.00	
3	4.00	5.00	1.00	2.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	
4	4.00	5.00	1.00	2.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	4.00	5.00	5.00	4.00	
5	4.00	4.00	1.00	1.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
5	5.00	5.00	1.00	2.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	2.00	4.00	5.00	5.00	4.00	
7	4.00	5.00	1.00	1.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	1.00	4.00	5.00	5.00	4.00	
8	5.00	5.00	1.00	2.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	
9	4.00	5.00	1.00	2.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	4.00	
0	4.00	4.00	2.00	2.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	4.00	4.00	4.00	5.00	
1	5.00	5.00	1.00	1.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	2.00	5.00	5.00	4.00	4.00	
2	5.00	5.00	1.00	1.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	4.00	4.00	5.00	5.00	
3	5.00	4.00	1.00	2.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	5.00	4.00	5.00	
4	5.00	5.00	1.00	2.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	2.00	4.00	5.00	5.00	5.00	
5	4.00	4.00	2.00	1.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	4.00	
6	5.00	4.00	2.00	1.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	4.00	4.00	5.00	5.00	
7	5.00	3.00	2.00	1.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	
в	4.00	4.00	1.00	2.00	5.00	5.00	4.00	3.00	4.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	4.00	4.00	
Э	4.00	5.00	1.00	3.00	4.00	3.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	3.00	5.00	4.00	
0	4.00	5.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	1.00	5.00	4.00	4.00	3.00	
31	4.00	4.00	2.00	4.00	4.00	4.00	4.00	4.00	2.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	

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	🔗 C11	4	C12	🔗 C13	🔗 C14	d C15	A 1Q1	A 1Q2	1Q3	A 1Q4	A 1Q5	A 1Q6	A 107	AP 1Q8	🔗 IQ9	Ø 1Q10	1Q11	VISIBle.	15 01 75 V	
	10.00			1070 CO. 10	Section and and a section of the	100 States		A 100 100			98055555	200005555	10000		1000	a second second	1000000000			1353 10 17
210 211	5.0		5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
211	5.0		5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
212	5.0		4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	
214	4.0		4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	
215	4.0		4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
216	4.0		5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	
217	4.0	0	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	3.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	
218	4.0	10	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
219	4.0	10	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	
220	5.0	10	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	
221	4.0	0	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	
222	5.0	10	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	
223	5.0	10	5.00	5.00	4.00	4.00	4.00	3.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	
224	5.0	10	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	
225	4.0	10	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	
226	5.0	10	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	
227	4.0	10	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	
228	4.0		5.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	3.00	3.00	5.00	4.00	
229	4.0		5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	
230	3.0		5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	3.00	5.00	5.00	
231	4.0		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	

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8	🔗 IQ13	A 1Q14	NQ15	SFAIU1	SFAIU2	SFAIU3 🛷	SFAIU4	SFAIU5	SFAIU6 🛷	SFAIU7	SFAIU8 🦑	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	Neg
10	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	
11	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	3.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	
12	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	
13	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	
14	5.00	4.00	4.00	5.00	3.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	
15	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	
16	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	
17	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	1.00	4.00	
18	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	3.00	2.00	1.00	5.00	
19	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	
20	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	
21	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	
22	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	
23	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	3.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	
24	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	
25	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	
26	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	
27	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	1.00	1.00	4.00	
28	4.00	4.00	5.00	4.00	5.00	3.00	4.00	4.00	1.00	3.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	
29	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	3.00	4.00	5.00	2.00	1.00	4.00	
30	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	2.00	1.00	5.00	
31	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	5.00	
32	5 00	4 00	5 00	5 00	5 00	4 00	4 00	5 00	5 00	4 00	5 00	5 00	5.00	4 00	1 00	1 00	4 00	,

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Eile	<u>E</u> dit	<u>V</u> iew	Data	Transform	<u>A</u> nalyze <u>G</u> ra	phs <u>U</u> tilities	Extensions	Window	<u>H</u> elp									
							H -	1	20	• 🔍 Se	arch applicat	ion						
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	🛷 Ne	gPT8	NegPT1	1 🛷 NegPT1	2 🛷 NegC7	🛷 PT	🛷 С	🛷 IQ	🛷 SFAIU	var	var	var	var	var	var	var	va	ar
210		5.00	5.0	4.0	0 5.00	4.33	4.60	4.53	4.56									
211		5.00	4.0	0 5.0	0 4.00	4.07	4.33	4.53	4.22									
212		5.00	4.0	0 5.0	0 5.00	4.13	4.40	4.60	4.56									
213		5.00	5.0	4.0	0 4.00	4.20	4.53	4.60	4.44									
214		5.00	5.0	4.0	0 4.00	4.07	4.53	4.53	4.22									
215		5.00	5.0	0 5.0	0 4.00	3.93	4.47	4.60	4.56									
216		4.00	5.0	4.0	0 4.00	4.20	4.53	4.53	4.44									
217		4.00	5.0	0 5.0	0 5.00	3.47	4.60	4.40	4.56									
218		5.00	5.0	4.0	0 2.00	3.80	4.53	4.67	4.56									
219		4.00	5.0	4.0	0 5.00	4.07	4.53	4.60	4.44									
220		4.00	4.0	4.0	0 4.00	4.07	4.47	4.67	4.67									
221		4.00	5.0	5.0	0 4.00	4.07	4.53	4.53	4.56									
222		5.00	5.0	0 5.0	0 4.00	4.07	4.47	4.53	4.44									
223		4.00	5.0	4.0	0 5.00	4.13	4.53	4.47	4.33									
224		4.00	5.0	4.0	0 4.00	4.13	4.60	4.60	4.44									
225		5.00	4.0	0 5.0	0 5.00	4.13	4.47	4.53	4.56									
226		5.00	4.0	0 5.0	0 4.00	4.20	4.47	4.47	4.56									
227		4.00	4.0	0 5.0	0 2.00	3.60	4.33	4.67	4.67									
228		4.00	5.0	4.0	0 4.00	4.00	4.33	4.27	3.67									
229		4.00	5.0	0 3.0	0 1.00	3.60	4.13	4.67	4.33									
230		5.00	4.0	0 5.0	0 5.00	3.80	4.27	4.47	4.67									
231		5.00	4.0	0 2.0	0 2.00	3.67	3.73	4.00	3.78									
232	<	4 00	4 0	50	0 5.00	3 60	4 53	4 53	4 67									>

ile	Edit \	<u>V</u> iew	<u>D</u> ata	Transform	n <u>A</u> nalyze	<u>G</u> raphs	<u>U</u> tilities	Extensi	ons <u>W</u> indo	w <u>H</u> elp										
					¥ 🏋	₽₹	Ч	A			2 💽		h applicatio	n						
																		Visible:	75 of 75 V	ariable
	aduat		threest ates	everus ed	윩 gender	📲 age	윩 ethnic	🚓 typeofu ni	💰 locatedi n	frequen tly	🛷 PT1	🧳 РТ2	🥔 РТЗ	🛷 РТ4	🦑 PT5	🛷 РТ6	🛷 РТ7	🥔 РТ8	🛷 РТ9	🛷 F
31	1.0	00	1.00	1.00	1.00	2.00	1.00	2.00	3.00	2.00	4.00	2.00	2.00	4.00	2.00	4.00	2.00	1.00	4.00	
32	1.0	00	1.00	1.00	1.00	1.00	3.00	2.00	1.00	2.00	4.00	1.00	2.00	4.00	5.00	5.00	5.00	2.00	4.00	
33	1.0	00	1.00	1.00	1.00	2.00	3.00	2.00	1.00	2.00	4.00	2.00	1.00	5.00	5.00	5.00	4.00	5.00	5.00	
34	1.0	00	1.00	1.00	1.00	1.00	3.00	1.00	2.00	1.00	4.00	1.00	1.00	5.00	4.00	5.00	4.00	2.00	4.00	
35	1.0	00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	2.00	2.00	4.00	4.00	5.00	4.00	2.00	5.00	
36	1.0	00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	2.00	4.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
37	1.0	00	1.00	1.00	1.00	1.00	2.00	1.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
38	1.0	00	1.00	1.00	2.00	4.00	3.00	2.00	1.00	2.00	4.00	2.00	2.00	4.00	1.00	5.00	4.00	1.00	5.00	
39	1.0	00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	4.00	1.00	2.00	5.00	4.00	5.00	5.00	2.00	1.00	
40	1.0	00	1.00	1.00	1.00	2.00	2.00	1.00	3.00	2.00	4.00	2.00	1.00	4.00	1.00	2.00	2.00	1.00	5.00	
41	1.0	00	1.00	1.00	1.00	1.00	1.00	2.00	3.00	1.00	4.00	1.00	2.00	5.00	4.00	5.00	5.00	1.00	4.00	
42	1.0	00	1.00	1.00	1.00	2.00	3.00	2.00	2.00	1.00	4.00	2.00	2.00	4.00	5.00	4.00	4.00	2.00	4.00	
43	1.0	00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	3.00	2.00	1.00	4.00	4.00	5.00	4.00	1.00	5.00	
44	1.0	00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	3.00	5.00	3.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	
45	1.0	00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	5.00	4.00	5.00	5.00	2.00	2.00	5.00	2.00	4.00	
46	1.0	00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	2.00	4.00	1.00	1.00	5.00	5.00	5.00	4.00	1.00	4.00	
47	1.0	00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	2.00	3.00	4.00	2.00	2.00	2.00	4.00	2.00	2.00	2.00	
48	1.0	00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	2.00	5.00	1.00	2.00	5.00	5.00	4.00	5.00	1.00	4.00	
49	1.0	00	1.00	1.00	1.00	2.00	3.00	1.00	1.00	2.00	5.00	2.00	1.00	3.00	5.00	5.00	5.00	2.00	5.00	
50	1.0	00	1.00	1.00	1.00	4.00	3.00	1.00	1.00	1.00	4.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	5.00	
51	1.0	00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00	2.00	5.00	2.00	4.00	
52	1.0	00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	2.00	5.00	1.00	4.00	
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ile	<u>E</u> dit 1	<u>∕</u> iew	<u>D</u> ata	Transfor	m <u>A</u> naly:	ze <u>G</u> raph	s <u>U</u> tilities	s E <u>x</u> tens	ions <u>W</u> ind	ow <u>H</u> elp										
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	🛷 РТ8	ø	PT9	🔗 PT10	🔗 PT11	🛷 PT12	🔗 PT13	🛷 PT14	🛷 PT15	🛷 C1	🛷 C2	🛷 СЗ	🛷 C4	🛷 C5	🛷 C6	🔗 C7	🛷 С8	🧳 С9	🔗 C10	ø
231	1.0	D	4.00	4.00	2.00	4.00	4.00	4.00	4.00	4.00	2.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
232	2.0	D	4.00	5.00	2.00	1.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	1.00	5.00	4.00	5.00	
233	5.0	D	5.00	4.00	2.00	2.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	
234	2.00	D	4.00	5.00	2.00	1.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	1.00	4.00	5.00	5.00	
235	2.0	D	5.00	5.00	2.00	2.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	2.00	2.00	5.00	4.00	5.00	
236	1.00	D	4.00	5.00	2.00	1.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	2.00	5.00	4.00	5.00	
237	1.00	D	4.00	4.00	2.00	1.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	1.00	5.00	5.00	4.00	
238	1.0	D	5.00	4.00	1.00	2.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	
239	2.0	D	1.00	4.00	1.00	2.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	2.00	3.00	4.00	5.00	
240	1.0	D	5.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	4.00	5.00	5.00	
241	1.00	D	4.00	5.00	1.00	2.00	5.00	4.00	5.00	5.00	4.00	4.00	3.00	5.00	5.00	1.00	5.00	4.00	4.00	
242	2.00	D	4.00	5.00	1.00	2.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	2.00	4.00	5.00	5.00	
243	1.0	D	5.00	4.00	1.00	2.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	3.00	4.00	5.00	4.00	
244	4.00	D	4.00	4.00	4.00	3.00	3.00	3.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
245	2.00	D	4.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	2.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
246	1.00	D	4.00	3.00	4.00	1.00	1.00	3.00	3.00	2.00	3.00	4.00	2.00	2.00	4.00	5.00	5.00	5.00	4.00	
247	2.00	D	2.00	3.00	3.00	1.00	4.00	3.00	3.00	4.00	3.00	2.00	4.00	2.00	5.00	2.00	4.00	5.00	2.00	
248	1.00	D	4.00	4.00	4.00	2.00	4.00	2.00	2.00	4.00	4.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	
249	2.00	D	5.00	5.00	2.00	2.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	3.00	5.00	4.00	5.00	
250	1.0	D	5.00	5.00	1.00	2.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	2.00	
251	2.00	D	4.00	5.00	1.00	1.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	1.00	5.00	5.00	4.00	
252	1.0	D	4.00	4.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	

ile	Edit V	liew	Data	Transfor	m <u>A</u> nalyze	<u>G</u> raphs	<u>U</u> tilities	Extensio	ons <u>W</u> indo	w <u>H</u> elp										
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																		Visible	75 of 75	Variable
	🥔 C10	4	P C11	🔗 C12	🖉 C13	N C14	🔗 C15	🔗 IQ1	JAP IQ2	A 1Q3	1Q4	🔗 IQ5	🧬 IQ6	🧳 IQ7	🔗 IQ8	🧳 IQ9	🛷 IQ10	🥜 IQ11	🧬 IQ12	1 K
31	4.00	D	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
32	5.00	D	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	
33	4.00	D	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	
34	5.00	D	4.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	
35	5.00	D	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
36	5.00	D	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
37	4.00	D	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	
38	5.00	D	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	
39	5.00	D	5.00	5.00	4.00	5.00	4.00	5.00	3.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	
40	5.00	D	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
41	4.00	D	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	
42	5.00	D	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	. I
43	4.00	D	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	-
44	4.00	D	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
45	4.00	D	4.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
46	4.00	D	4.00	2.00	4.00	4.00	5.00	3.00	3.00	3.00	4.00	5.00	4.00	2.00	4.00	4.00	5.00	4.00	4.00	
47	2.00	D	4.00	5.00	5.00	5.00	5.00	2.00	2.00	1.00	1.00	4.00	2.00	4.00	2.00	2.00	2.00	2.00	1.00	
48	2.00	D	5.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	2.00	5.00	5.00	5.00	5.00	4.00	4.00	2.00	4.00	
49	5.00	D	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	
50	2.00	D	3.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	
51	4.00	D	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
52	5.00	D	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	3.00	5.00	4.00	4.00	5.00	5.00	5.00	
53	5.00	n	4 00	4 00	4 00	5 00	5 00	5 00	4 00	4 00	5.00	5 00	5 00	4 00	4 00	5 00	5 00	3 00	3 00	>
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_	-	-B	_							± 1.4		4							
																		Visible: 75 of	
	IQ12	Ø 10	13 👌	P 1Q14	1Q15	SFAIU1	🔗 SFAIU2 🔗	SFAIU3	SFAIU4	SFAIU5	🔗 SFAIU6 👌	SFAIU7	SFAIU8	🔗 SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegP1
231	4.00	4	00.4	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00	5
232	4.00	5	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	1.00	1.00	4
233	5.00	4	1.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	1.00	1.00	1
234	4.00	5	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	2.00	1.00	4
235	4.00	5	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	2.00	1.00	4
236	4.00	4	1.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5
237	5.00	5	5.00	5.00	4.00	4.00	5.00	5.00	3.00	1.00	2.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	5
238	4.00	4	.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	1.00	5
239	5.00	6	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	2.00	1.00	4
240	5.00	4	1.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5
241	4.00	4	1.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	1.00	5
242	5.00	4	.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	1.00	2.00	4
243	5.00	5	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	2.00	1.00	5
244	4.00	4	.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	3.00	2.00	2.00	2
245	5.00	5	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	2.00	1.00	4.00	4.00	4.
246	4.00	2	2.00	2.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	3.00	5.00	5.00	1.00	1.00	5
47	1.00	1	.00	1.00	1.00	5.00	4.00	2.00	2.00	4.00	4.00	4.00	4.00	4.00	2.00	4.00	4.00	2.00	4
248	4.00	4	1.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	1.00	2.00	5
249	4.00	5	5.00	5.00	5.00	5.00	5.00	5.00	4.00	3.00	5.00	4.00	5.00	4.00	4.00	5.00	1.00	1.00	4
250	4.00	5	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5
251	5.00	5	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.
252	5.00	3	8.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.
253	3 00	4	00	4 00	5 00	4 00	5 00	5 00	5 00	4 00	4 00	5 00	4 00	5.00	5.00	4 00	5 00	4 00	4

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																	Visible: 75 of	75 Variable
	🛷 Ne	gPT6	NegPT8	🛷 NegPT1	11 🛷 Ne	gPT12	🔗 NegC7	🛷 PT	🥔 с	🥔 IQ	🛷 SFAIU	var	var	var	var	var	var	var
231		2.00	5.00	4.0	00	2.00	2.00	3.67	3.73	4.00	3.78							
232		1.00	4.00	4.0	00	5.00	5.00	3.60	4.53	4.53	4.67							
233		1.00	1.00	4.0	00	4.00	1.00	3.47	4.33	4.53	4.67							
234		1.00	4.00	4.0	00	5.00	5.00	3.73	4.53	4.40	4.78							
235		1.00	4.00	4.0	00	4.00	4.00	3.67	4.47	4.60	4.44							
236		4.00	5.00	4.0	00	5.00	4.00	4.13	4.47	4.60	4.56							
237		4.00	5.00) 4.0	00	5.00	5.00	4.27	4.67	4.60	3.44							
238		1.00	5.00	5.0	00	4.00	5.00	3.73	4.60	4.53	4.56							
239		1.00	4.00	5.0	00	4.00	4.00	3.47	4.47	4.47	4.78							
240		4.00	5.00	5.0	00	4.00	4.00	3.93	4.53	4.67	4.44							
241		1.00	5.00	5.0	00	4.00	5.00	3.80	4.47	4.53	4.56							
242		2.00	4.00	5.0	00	4.00	4.00	3.53	4.60	4.67	4.56							
243		1.00	5.00	5.0	00	4.00	3.00	3.53	4.33	4.53	4.67							
244		2.00	2.00	2.0	00	3.00	2.00	3.27	3.87	4.00	4.00							
245		4.00	4.00	2.0	00	1.00	2.00	4.20	3.87	4.73	4.44							
246		1.00	5.00	2.0	00	5.00	1.00	3.27	3.40	3.53	4.33							
247		2.00	4.00	3.0	00	5.00	4.00	2.80	3.93	1.87	3.67							
248		2.00	5.00	2.0	00	4.00	2.00	3.60	3.73	3.87	4.11							
249		1.00	4.00	4.0	00	4.00	3.00	3.73	4.53	4.67	4.44							
250		5.00	5.00	5.0	00	4.00	5.00	4.20	4.47	4.53	4.44							
251		4.00	4.00	5.0	00	5.00	5.00	4.00	4.60	4.60	4.44							
252		4.00	5.00	4.0	00	5.00	4.00	4.13	4.53	4.40	4.44							
253	<	4 00	4 00	4	nn	5 00	5 00	4 07	4 60	4 33	4 56							>

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Eile	Edit	<u>V</u> iew	Data	Transform	n <u>A</u> nalyze	Graph	s <u>U</u> tilities	Extensio	ons <u>W</u> ind	ow <u>H</u> elp										
						* =	H H	h		▲ (14	0	Q Searc	h applicatio	n						
																		Visible:	75 of 75 V	ariabl
		lergr 🚕	threest ates	윩 everus 💡	윩 gender	📲 age	🚓 ethnic	💰 typeofu ni	💰 locatedi n	frequen tly	🛷 PT1	🛷 РТ2	🥓 РТЗ	🛷 РТ4	🛷 РТ5	🤣 РТ6	🛷 РТ7	🤣 РТ8	🛷 РТ9	🤣 F
252		1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	2.00	5.00	1.00	4.00	
253		1.00	1.00	1.00	2.00	1.00	3.00	2.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	2.00	5.00	
254		1.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	2.00	5.00	2.00	1.00	5.00	4.00	2.00	1.00	2.00	5.00	
255		1.00	1.00	1.00	1.00	2.00	3.00	2.00	2.00	1.00	5.00	2.00	2.00	4.00	1.00	1.00	5.00	2.00	5.00	
256		1.00	1.00	1.00	2.00	1.00	3.00	2.00	2.00	1.00	5.00	1.00	2.00	4.00	2.00	1.00	5.00	2.00	4.00	
257		1.00	1.00	1.00	1.00	1.00	2.00	1.00	2.00	1.00	5.00	1.00	2.00	4.00	5.00	5.00	5.00	2.00	5.00	
258		1.00	1.00	1.00	1.00	1.00	3.00	2.00	1.00	2.00	4.00	2.00	1.00	4.00	4.00	5.00	4.00	5.00	4.00	
259		1.00	1.00	1.00	1.00	4.00	3.00	1.00	1.00	1.00	4.00	2.00	1.00	5.00	1.00	2.00	5.00	2.00	4.00	
260		1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	1.00	4.00	1.00	1.00	4.00	1.00	1.00	5.00	2.00	5.00	
261		1.00	1.00	1.00	1.00	4.00	1.00	1.00	1.00	1.00	3.00	1.00	2.00	4.00	1.00	2.00	2.00	2.00	5.00	
262		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	3.00	2.00	5.00	
263		1.00	1.00	1.00	1.00	3.00	2.00	1.00	1.00	2.00	4.00	1.00	1.00	4.00	1.00	1.00	2.00	5.00	4.00	
264		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	2.00	1.00	4.00	5.00	5.00	4.00	3.00	5.00	
265		1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	5.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
266		1.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	2.00	4.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	4.00	
267		1.00	1.00	1.00	1.00	4.00	3.00	1.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	2.00	4.00	1.00	5.00	
268		1.00	1.00	1.00	2.00	4.00	3.00	1.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	1.00	5.00	2.00	4.00	
269		1.00	1.00	1.00	1.00	3.00	3.00	1.00	1.00	2.00	2.00	1.00	1.00	5.00	1.00	3.00	4.00	1.00	5.00	
270		1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	4.00	1.00	5.00	
271		1.00	1.00	1.00	2.00	4.00	1.00	1.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	4.00	
272		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	1.00	5.00	2.00	1.00	4.00	1.00	5.00	
273		1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	2.00	5.00	2.00	2.00	5.00	1.00	1.00	4.00	2.00	4.00	

le	<u>E</u> dit	<u>V</u> iew	<u>D</u> ata	Transfo	rm <u>A</u> naly	ze <u>G</u> rap	hs <u>U</u> tilitie	s E <u>x</u> tens	ions <u>W</u> ind	dow <u>H</u> el	р									
					◄ 📱	:	Ч	H.		 _1∢	Ø 💽	Q Sear	ch applicati	on						
																		Visible	: 75 of 75	Variab
	🛷 РТ9) 🛷 F	PT10	🛷 PT11	🛷 PT12	🛷 PT13	🛷 PT14	🛷 PT15	🛷 C1	🛷 C2	🛷 СЗ	🛷 C4	🦑 C5	🛷 C6	🛷 C7	🛷 С8	🛷 С9	🦑 C10	🛷 C11	🥠 C
52	4.0	00	4.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
53	5.0	00	4.00	2.00	1.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	
54	5.	00	5.00	1.00	2.00	5.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	
5	5.0	00	4.00	1.00	2.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	1.00	5.00	4.00	5.00	5.00	
i6	4.0	00	4.00	1.00	2.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
7	5.	00	5.00	2.00	1.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	2.00	5.00	5.00	4.00	5.00	
8	4.0	00	4.00	2.00	2.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	2.00	1.00	4.00	4.00	5.00	1.00	
9	4.0	00	4.00	1.00	2.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	
0	5.	00	5.00	1.00	1.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	2.00	5.00	5.00	4.00	4.00	
1	5.	00	5.00	2.00	1.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
2	5.0	00	4.00	1.00	2.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	4.00	
3	4.0	00	4.00	1.00	2.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	2.00	4.00	4.00	5.00	5.00	
4	5.	00	5.00	1.00	2.00	3.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	2.00	5.00	4.00	5.00	5.00	
5	4.0	00	4.00	2.00	1.00	4.00	4.00	5.00	3.00	4.00	5.00	5.00	4.00	5.00	1.00	5.00	4.00	4.00	5.00	
6	4.0	00	5.00	2.00	1.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
7	5.0	00	5.00	2.00	1.00	5.00	5.00	4.00	4.00	4.00	3.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
8	4.0	00	4.00	1.00	1.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	4.00	5.00	
9	5.0	00	4.00	2.00	1.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	1.00	4.00	4.00	5.00	5.00	
0	5.	00	5.00	2.00	2.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	4.00	
1	4.0	00	4.00	2.00	2.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	4.00	5.00	
2	5.		5.00	1.00	2.00	5.00		4.00	5.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	5.00	
3	4.0	00	5.00	1.00	2.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	2.00	5.00	3.00	5.00	4.00	
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ile	Edit	View Da	ta <u>T</u> rans	form Ana	alyze <u>G</u> ra	aphs <u>U</u> tilit	ies E <u>x</u> ter	nsions <u>W</u>	indow <u>H</u>	elp									
-	100			-		-	H I			OF	Q Se	arch applica	ation						
-	1000	9 4		-								aren appilei							
																	Visil	ble: 75 of 7	5 Variabl
	P C11	A C12	N C13	6 C14	6 C15	🔊 IQ1	NQ2	🧬 IQ3	🧬 IQ4	🧬 IQ5	1Q6	A 1Q7	1Q8	🧬 IQ9	NQ10	🔗 IQ11	NQ12	🔗 IQ13	1Q14
52	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	3.00	5.00	4.00	4.00	5.00	5.00	5.00	3.00	4.0
53	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	3.00	3.00	4.00	4.(
54	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.0
55	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	2.00	2.00	3.00	4.00	5.
56	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.
57	5.00	4.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	4.00	5.00	4.
58	1.00	2.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	3.00	5.
59	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.
60	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.
61	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	3.00	5.00	4.00	2.00	5.00	4.
62	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	3.00	4.00	5.00	5.00	5.00	4.00	4.
63	5.00	4.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.
64	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	3.00	4.00	5.00	4.00	5.00	3.00	5.00	5.
65	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	3.00	4.0
66	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.0
67	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	3.00	3.00	4.0
68	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.
69	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.
70	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	1.00	4.00	4.00	3.00	5.00	5.
71	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.
72	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.0
73	4.00	5.00	3.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.0
74	5 00	5 00	5 00	4 00	5 00	4 00	4 00	5.00	5.00	4 00	5.00	4 00	4 00	5 00	5 00	5 00	5 00	5 00	5(

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Cha	pter 4.sa	av [Data	Set1] - IBM	M SPSS Statistic	cs Data Edito	or												- 0	×
Eile	Edit	View	Data	Transform	Analyze	<u>G</u> raphs	Utilities	Extensi	ions <u>W</u> indov	v <u>H</u> elp									
				5	•	▙╡	시	h			6	Q Search	n applicatio	on					
																	Visib	le: 75 of 75 V	/ariable
	A 10	13 🧳	IQ14	1Q15	SFAIU1 🤞	SFAIU2	SFAIU3	SFAIU4	SFAIU5	SFAIU6	SFAIU7	SFAIU8	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	& N
252	3	8.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	
253	4	.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	
254	5	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	2.00	4.00	4.00	
255	4	.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	
256	5	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	
257	5	5.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	1.00	1.00	4.00	
258	3	8.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	2.00	1.00	1.00	
259	5	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	
260	5	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	
261	5	5. 0 0	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	3.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	
262	4	.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	
263	4	.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	1.00	
264	5	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	3.00	4.00	4.00	5.00	1.00	1.00	3.00	1
265	3	8.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	
266	5	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	
267	3	8.00	4.00	5.00	3.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
268	5	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
269	4	.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	3.00	5.00	
270	5	5. 0 0	5.00	5.00	4.00	4.00	5.00	4.00	5.00	3.00	3.00	2.00	1.00	5.00	5.00	5.00	4.00	5.00	
271	5	6.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	
272	5	5.00	5.00	4.00	5.00	5.00	4.00	3.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	
273	5	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	3.00	2.00	5.00	1.00	4.00	4.00	5.00	5.00	4.00	
274	< 5	6 00	5 00	4 00	4 00	4 00	5 00	5 00	5 00	4 00	5 00	5.00	4.00	5.00	4.00	5 00	4 00	5 00	>

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<u>F</u> ile	<u>E</u> dit	<u>V</u> iew	<u>D</u> ata <u>T</u> ra	ansform <u>A</u> r	alyze <u>G</u> raph	s <u>U</u> tilities	Extensions	Window	Help								
						Ч	H 🔤	1	4 🕢 💽	Q Se	arch applicati	on					
															\	/isible: 75 of	75 Variable
	🥔 N	egPT8	NegPT11	NegPT12	negC7	🧳 PT	🛷 с	🥔 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var
252)	5.00	4.00	5.00	4.00	4.13	4.53	4.40	4.44								
253)	4.00	4.00	5.00	5.00	4.07	4.60	4.33	4.56								
254)	4.00	5.00	4.00	4.00	3.73	4.47	4.53	4.56								
255)	4.00	5.00	4.00	5.00	4.13	4.53	4.07	4.56								
256)	4.00	5.00	4.00	5.00	4.07	4.53	4.33	4.67								
257)	4.00	4.00	5.00	4.00	3.73	4.33	4.27	4.56								
258)	1.00	4.00	4.00	5.00	3.40	4.00	4.40	4.44								
259)	4.00	5.00	4.00	4.00	4.07	4.60	4.60	4.44								
260)	4.00	5.00	5.00	4.00	4.07	4.60	4.60	4.44								
261)	4.00	4.00	5.00	5.00	3.80	4.53	4.27	4.33								
262)	4.00	5.00	4.00	5.00	4.07	4.53	4.47	4.44								
263)	1.00	5.00	4.00	4.00	3.73	4.53	4.53	4.56								
264)	3.00	5.00	4.00	4.00	3.53	4.53	4.47	4.44								
265)	5.00	4.00	5.00	5.00	4.07	4.53	4.40	4.67								
266)	4.00	4.00	5.00	5.00	4.13	4.53	4.53	4.56								
267)	5.00	4.00	5.00	4.00	4.27	4.40	4.33	4.44								
268)	4.00	5.00	5.00	5.00	4.07	4.67	4.60	4.56								
269)	5.00	4.00	5.00	5.00	4.07	4.53	4.60	4.56								
270)	5.00	4.00	4.00	5.00	4.27	4.53	4.20	3.44								
271)	5.00	4.00	4.00	4.00	4.13	4.47	4.60	4.67								
272)	5.00	5.00	4.00	5.00	4.20	4.73	4.67	4.44								
273)	4.00	5.00	4.00	4.00	4.13	4.27	4.67	3.67								
274	<	5 00	4 00	5 00	4 00	3 93	4 40	4 60	4 56								>

Overview Data View Variable View

,	<u>E</u> dit	View	Data	Transform	n <u>A</u> nalyze	Graphs	Utilities	Extension	ns <u>W</u> indo											
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																		Visible:	75 of 75 V	ariat
	adua		threest ates	🐣 everus	💦 gender	📲 age	💦 ethnic	😞 typeofu ni	locatedi n	frequen tly	🛷 PT1	🛷 РТ2	🥓 РТЗ	🛷 РТ4	🧳 РТ5	🧳 РТб	🛷 РТ7	🤣 РТ8	🛷 РТ9	ø
	1.	.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	2.00	5.00	2.00	2.00	5.00	1.00	1.00	4.00	2.00	4.00	
	1.	.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	2.00	2.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	4.00	
	1.	.00	1.00	1.00	1.00	4.00	3.00	1.00	1.00	1.00	5.00	2.00	1.00	4.00	2.00	1.00	4.00	1.00	5.00	
	1.	.00	1.00	1.00	1.00	3.00	2.00	1.00	1.00	1.00	3.00	1.00	2.00	5.00	2.00	1.00	5.00	1.00	4.00	
	1.	.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	5.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	5.00	
	1.	.00	1.00	1.00	1.00	3.00	3.00	1.00	2.00	1.00	4.00	1.00	1.00	5.00	2.00	2.00	4.00	1.00	5.00	
	1.	.00	1.00	1.00	2.00	4.00	1.00	1.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	5.00	
	1.	.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	2.00	4.00	2.00	2.00	5.00	1.00	2.00	3.00	1.00	5.00	
	1.	.00	1.00	1.00	1.00	4.00	2.00	1.00	1.00	1.00	4.00	2.00	2.00	4.00	1.00	2.00	5.00	2.00	4.00	
	1.	.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.00	2.00	2.00	5.00	1.00	1.00	3.00	2.00	5.00	
	1.	.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	4.00	2.00	1.00	5.00	5.00	4.00	5.00	2.00	4.00	
	1.	.00	1.00	1.00	1.00	3.00	2.00	1.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	2.00	4.00	2.00	5.00	
	1.	.00	1.00	1.00	2.00	4.00	1.00	1.00	1.00	2.00	5.00	2.00	2.00	4.00	2.00	1.00	5.00	2.00	5.00	
	1.	.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	2.00	5.00	2.00	4.00	
	1.	.00	1.00	1.00	2.00	3.00	3.00	1.00	2.00	2.00	5.00	1.00	2.00	4.00	2.00	2.00	5.00	1.00	5.00	
	1.	.00	1.00	1.00	2.00	2.00	3.00	1.00	1.00	1.00	5.00	1.00	2.00	4.00	1.00	1.00	4.00	2.00	4.00	
	1.	.00	1.00	1.00	2.00	4.00	3.00	1.00	1.00	1.00	4.00	2.00	2.00	5.00	1.00	1.00	5.00	1.00	5.00	
	1.	.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	2.00	4.00	1.00	1.00	4.00	2.00	1.00	5.00	1.00	4.00	
	1.	.00	1.00	1.00	1.00	2.00	2.00	1.00	2.00	2.00	4.00	1.00	2.00	5.00	1.00	1.00	5.00	1.00	5.00	
	1.	.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	1.00	5.00	1.00	4.00	
	1.	.00	1.00	1.00	1.00	4.00	3.00	1.00	1.00	2.00	4.00	2.00	2.00	5.00	1.00	1.00	5.00	2.00	4.00	
	1.	.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	1.00	5.00	1.00	4.00	
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ile	<u>E</u> dit ⊻	īew	<u>D</u> ata	Transform	m <u>A</u> naly:	ze <u>G</u> raphs	Utilities	E <u>x</u> tensi	ons <u>W</u> ind	ow <u>H</u> elp										
					¥ 🖁		N N	H.		▲ (2 📀	Q Searc	ch applicatio	n						
																		Visible	: 75 of 75 V	/ariab
	🤣 РТ8	ø	PT9	🛷 PT10	🖋 PT11	🥓 PT12 🛛	🔗 PT13	🦑 PT14	🔗 PT15	🛷 C1	🛷 C2	🛷 СЗ	🛷 C4	🛷 C5	🛷 C6	🔗 C7	🛷 C8	🛷 С9	🛷 C10	ø
273	2.00		4.00	5.00	1.00	2.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	2.00	5.00	3.00	5.00	
274	1.00		4.00	5.00	2.00	1.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	2.00	3.00	4.00	4.00	
275	1.00		5.00	5.00	1.00	1.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	1.00	4.00	4.00	5.00	
276	1.00		4.00	4.00	2.00	1.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	1.00	3.00	5.00	4.00	
277	1.00		5.00	4.00	2.00	1.00	5.00	5.00	5.00	3.00	2.00	1.00	4.00	5.00	5.00	1.00	4.00	5.00	4.00	
78	1.00		5.00	5.00	1.00	2.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	4.00	4.00	5.00	
279	1.00		5.00	5.00	2.00	3.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	4.00	5.00	5.00	
280	1.00		5.00	5.00	2.00	1.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	4.00	
281	2.00		4.00	5.00	2.00	1.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	2.00	4.00	4.00	5.00	
282	2.00		5.00	4.00	2.00	1.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	
283	2.00		4.00	4.00	2.00	1.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	2.00	5.00	4.00	5.00	
284	2.00		5.00	5.00	1.00	2.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	1.00	5.00	4.00	4.00	
285	2.00		5.00	5.00	2.00	1.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	
286	2.00		4.00	4.00	1.00	2.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	
287	1.00		5.00	4.00	2.00	1.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	1.00	4.00	5.00	5.00	
288	2.00		4.00	4.00	1.00	1.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	5.00	5.00	
289	1.00		5.00	5.00	2.00	1.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	
290	1.00		4.00	5.00	1.00	2.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	2.00	5.00	5.00	4.00	
91	1.00		5.00	4.00	1.00	2.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	1.00	4.00	4.00	5.00	
92	1.00		4.00	4.00	1.00	2.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	4.00	5.00	
293	2.00		4.00	4.00	1.00	2.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	1.00	4.00	4.00	5.00	
294	1.00		4.00	4.00	2.00	2.00	4.00	5.00	4.00	5.00	4.00	3.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	

ile	Edit Vie	ew <u>D</u> ata	Iransfor	m <u>A</u> nalyz	e <u>G</u> raphs	Utilities	Extensi	ons <u>W</u> ind											
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																	Visible	75 of 75 \	/ariable
	🔗 C10	🔗 C11	🔗 C12	🔗 C13	6 C14	🔗 C15	🔗 IQ1	🤣 IQ2	🧳 IQ3	1Q4	A 1Q5	JQ6	A 1Q7	🔗 IQ8	🧳 IQ9	1Q10	🔗 IQ11	🧬 IQ12	A 10
73	5.00	4.00	5.00	3.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	
74	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	
75	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	
76	4.00	5.00	4.00	4.00	4.00	5.00	3.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	
77	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	
78	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	3.00	2.00	5.00	1.00	5.00	4.00	5.00	
79	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	3.00	4.00	5.00	5.00	5.00	
80	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	3.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	
81	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	
82	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	
83	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	
84	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	
85	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	
86	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	Ē
87	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	-
88	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
89	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	
90	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	
91	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	
92	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
93	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
94	4.00	5.00	5.00	3.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	2.00	1.00	5.00	
95	4 00	5 00	5 00	5 00	5 00	4 00	2 00	5.00	5.00	4 00	2 00	1 00	5 00	4 00	5 00	1 00	5 00	5 00	
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Cha	apter 4.sav [[DataSet1]	IBM SPSS	Statistics	Data Edito	or												- 6	×
Eile	<u>E</u> dit ⊻i	ew <u>D</u> a	ta <u>T</u> ran	sform	Analyze	<u>G</u> raphs	<u>U</u> tilities	Extens	ions <u>W</u> indo	w <u>H</u> elp									
)		-		*=	H	h			۵ 💽	Q Sear	ch application	1					
																	V	isible: 75 of 7	5 Variable
	A 1Q12	A 1013	1Q	4 🥒	IQ15 🥔	SFAIU1 🧬	SFAIU2	SFAIU3	SFAIU4	SFAIU5	SFAIU6	SFAIU7	SFAIU8	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	Neg
273	5.00	5.0	0 5	.00	5.00	4.00	5.00	5.00	4.00	4.00	3.00	2.00	5.00	1.00	4.00	4.00	5.00	5.00	
274	5.00	5.0	0 5	.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	
275	4.00	5.0	0 5	.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	3.00	2.00	4.00	4.00	5.00	4.00	5.00	
276	4.00	5.0	0 5	.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	
277	5.00	4.0	0 5	.00	5.00	5.00	4.00	5.00	2.00	1.00	4.00	5.00	3.00	5.00	5.00	4.00	5.00	4.00	
278	5.00	5.0	0 4	.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	3.00	5.00	5.00	4.00	4.00	
279	5.00	4.0	0 4	.00	4.00	4.00	5.00	5.00	4.00	3.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	
280	4.00	5.0	0 5	.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	
281	5.00	4.0	0 4	.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	3.00	5.00	4.00	4.00	5.00	4.00	
282	4.00	5.0	0 5	.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	
283	5.00	5.0	0 4	.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	1.00	2.00	
284	5.00	5.0	0 4	.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	
285	4.00	4.0	0 5	.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	
286	4.00	5.0	0 5	.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	1
287	5.00	5.0	0 5	.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	
288	5.00	4.0	0 5	.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	
289	5.00	5.0	0 4	.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	
290	5.00	4.0	0 5	.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
291	4.00	4.0	0 4	.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	
292	5.00	4.0	0 5	.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	
293	4.00	5.0	0 5	.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	
294	5.00	4.0	0 5	.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	
295	5 00	5.0	0 4	00	5 00	4 00	4 00	5 00	5 00	4 00	4 00	5.00	5.00	4 00	5.00	5 00	2 00	2 00	>

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🤄 Cha	pter 4.sav	/ [DataS	Set1] - IBM SP	SS Statistics E	Data Editor												-	- 17	\times
<u>F</u> ile	Edit	<u>V</u> iew	<u>D</u> ata <u>T</u>	ransform	<u>A</u> nalyze	<u>G</u> raphs	<u>U</u> tilities	Extensions	Window	<u>H</u> elp									
						╘	μ	H -	1	🖣 🕗 🧧	Searc	h application	on						
																	Visible:	75 of 75	Variables
	🛷 Neg	PT6	negPT8 🎸	negPT1	1 🛷 Neg	9PT12 🤞	NegC7	🛷 PT	🛷 с	n 🍫	🛷 SFAIU	var	var	var	var	var		var	var
273		5.00	4.00	5.0	00	4.00	4.00	4.13	4.27	4.67	3.67								^
274		4.00	5.00	4.0	00	5.00	4.00	3.93	4.40	4.60	4.56								
275		5.00	5.00	5.0	00	5.00	5.00	4.13	4.53	4.60	4.00								
276		5.00	5.00	4.0	00	5.00	5.00	4.07	4.40	4.40	4.56								
277		4.00	5.00	4.0	00	5.00	5.00	4.27	4.07	4.60	3.78								
278		4.00	5.00	5.0	00	4.00	4.00	4.13	4.53	4.00	4.22								
279		4.00	5.00) 4.(00	3.00	4.00	4.33	4.53	4.47	4.33								
280		4.00	5.00	4.0	00	5.00	4.00	4.13	4.47	4.47	4.56								
281		4.00	4.00	4.0	00	5.00	4.00	4.00	4.53	4.60	4.44								
282		5.00	4.00	4.0	00	5.00	4.00	3.93	4.53	4.67	4.44								
283		2.00	4.00	4.0	00	5.00	4.00	3.67	4.47	4.60	4.56								
284		4.00	4.00	5.0	00	4.00	5.00	4.20	4.67	4.60	4.44								
285		5.00	4.00	4.0	00	5.00	5.00	4.00	4.67	4.67	4.56								
286		4.00	4.00	5.0	00	4.00	5.00	4.13	4.67	4.53	4.67								
287		4.00	5.00) 4.(00	5.00	5.00	4.13	4.53	4.67	4.44								
288		5.00	4.00	5.0	00	5.00	5.00	3.93	4.67	4.60	4.44								
289		5.00	5.00	4.0	00	5.00	4.00	4.13	4.53	4.73	4.67								
290		5.00	5.00	5.0	00	4.00	4.00	4.27	4.53	4.67	4.56								
291		5.00	5.00	5.0	00	4.00	5.00	4.20	4.53	4.33	4.56								
292		5.00	5.00	5.0	00	4.00	4.00	4.13	4.60	4.67	4.56								
293		5.00	4.00	5.0	00	4.00	5.00	4.00	4.60	4.67	4.44								
294		5.00	5.00	. 4.0	00	4.00	4.00	4.20	4.27	4.20	4.44								
295	,	2 00	1.00	1 (nn	5 00	4 00	3 20	4 47	3 87	4 44								× ×
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Eile	Edit	View	<u>D</u> ata	Transform		<u>G</u> raphs	_		_											
					¥ 🏋	* =	ч	m 🗄			٠ (Q Searc	h applicatio	n						
95 : 1	РТ3		1.00															Visible:	75 of 75 V	ariab
		dergr 🚙	threest ates	ed	_{gender}	📲 age	윩 ethnic	💰 typeofu	locatedi n	frequen	🛷 PT1	🛷 РТ2	🦑 РТЗ	🛷 РТ4	🦑 РТ5	🛷 РТ6	🛷 РТ7	🥔 РТ8	🛷 РТ9	ø
294		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	1.00	5.00	1.00	4.00	
95		1.00	1.00	1.00	2.00	3.00	3.00	1.00	2.00	2.00	4.00	1.00	1.00	5.00	4.00	4.00	1.00	5.00	2.00	
296		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	4.00	2.00	1.00	5.00	5.00	4.00	4.00	2.00	4.00	
297		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	4.00	5.00	4.00	4.00	2.00	4.00	
98		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	4.00	2.00	1.00	5.00	5.00	4.00	5.00	2.00	5.00	
299		1.00	1.00	1.00	1.00	2.00	3.00	1.00	1.00	2.00	4.00	2.00	1.00	4.00	3.00	5.00	5.00	4.00	5.00	
800		1.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	1.00	4.00	2.00	1.00	5.00	2.00	1.00	5.00	2.00	5.00	
301		1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	2.00	5.00	2.00	5.00	
302		1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	4.00	
303		1.00	1.00	1.00	2.00	1.00	3.00	1.00	2.00	1.00	5.00	2.00	2.00	4.00	1.00	2.00	5.00	1.00	5.00	
304		1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	1.00	4.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	5.00	
305		1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	5.00	
306		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	5.00	1.00	1.00	4.00	1.00	5.00	
307		1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00	5.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00	5.00	
308		1.00	1.00	1.00	2.00	1.00	2.00	1.00	2.00	1.00	5.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	5.00	
309		1.00	1.00	1.00	2.00	1.00	2.00	1.00	2.00	1.00	4.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
310		1.00	1.00	1.00	2.00	1.00	2.00	1.00	2.00	2.00	5.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
311		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	2.00	5.00	2.00	2.00	5.00	1.00	2.00	4.00	1.00	5.00	
312		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	2.00	5.00	2.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
313		1.00	1.00	1.00	2.00	1.00	3.00	2.00	2.00	2.00	4.00	2.00	2.00	5.00	2.00	1.00	5.00	2.00	4.00	
314		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	2.00	4.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	4.00	
315		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	1.00	4.00	1.00	2.00	4.00	1.00	2.00	5.00	2.00	5.00	

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ta Cha	oter 4.sav [D	ataSet1] - IBI	M SPSS Statis	stics Data Edi	tor												-	- 0	\times
<u>F</u> ile	<u>E</u> dit <u>V</u> ie	w <u>D</u> ata	Transform	m <u>A</u> nalyz	e <u>G</u> raphs	<u>U</u> tilities	Extensio	ns <u>W</u> indo	w <u>H</u> elp										
) 🗔		¥ 📰	≞ ≢	۳	A			٠ 💽		n applicatior							
295 : P	тз	1.00															Visible:	75 of 75 Va	ariables
	🥔 РТ9	🛷 PT10	🛷 PT11	🛷 PT12	🦑 PT13	🧳 PT14	🛷 PT15	🦑 C1	🧳 C2	🛷 СЗ	🧳 C4	🤣 C5	🦑 C6	🥔 C7	🛷 C8	🛷 С9	🥔 C10	🥔 C11	1
294	4.00	4.00	2.00	2.00	4.00	5.00	4.00	5.00	4.00	3.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	~
295	2.00	2.00	5.00	1.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	2.00	5.00	4.00	4.00	5.00	
296	4.00	4.00	2.00	1.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	3.00	5.00	3.00	5.00	5.00	
297	4.00	5.00	2.00	1.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	2.00	5.00	4.00	5.00	5.00	
298	5.00	4.00	1.00	2.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	2.00	5.00	5.00	4.00	5.00	
299	5.00	4.00	1.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	
300	5.00	4.00	1.00	2.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	2.00	4.00	4.00	5.00	5.00	
301	5.00	5.00	1.00	2.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	5.00	
302	4.00	4.00	1.00	1.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	1.00	4.00	5.00	4.00	4.00	
303	5.00	5.00	1.00	2.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	2.00	4.00	5.00	5.00	5.00	
304	5.00	4.00	1.00	1.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	5.00	5.00	
305	5.00	5.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	1.00	5.00	5.00	4.00	5.00	
306	5.00	4.00	2.00	1.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	2.00	4.00	4.00	5.00	5.00	
307	5.00	5.00	1.00	1.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	2.00	5.00	4.00	4.00	5.00	
308	5.00	5.00	2.00	1.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	
309	5.00	5.00	1.00	2.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	2.00	5.00	4.00	5.00	5.00	
310	4.00	4.00	1.00	1.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	2.00	4.00	4.00	4.00	5.00	
311	5.00	5.00	2.00	2.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	2.00	5.00	4.00	4.00	5.00	
312	4.00	5.00	2.00	1.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	2.00	4.00	4.00	5.00	5.00	
313	4.00	4.00	1.00	2.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	1.00	4.00	5.00	5.00	5.00	
314	4.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	
315	5.00	4.00	1.00	2.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	2.00	4.00	4.00	4.00	5.00	~
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Eile	Edit V	iew Dat	a <u>T</u> ransfo	orm Analy	ze <u>G</u> rap	hs <u>U</u> tilities	s Extens	sions Win	dow <u>H</u> el	р									
			1 m	-		h h	A	-			Q Sear	rch applicat	on						
95 : F	РТЗ	1.0	0														Visible	a: 75 of 75	Variable
	6 C11	Ø C12	🔗 C13	🔗 C14	A C15	A 1Q1	🖋 IQ2	A 1Q3	🔗 IQ4	A 1Q5	1Q6	NQ7	A 1Q8	🧳 IQ9	🔗 IQ10	& IQ11	Ø 1Q12	N 1Q13	Ø 10
294	5.00	5.00	3.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	2.00	1.00	5.00	4.00	
95	5.00	5.00	5.00	5.00	4.00	2.00	5.00	5.00	4.00	2.00	1.00	5.00	4.00	5.00	1.00	5.00	5.00	5.00	
96	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	
97	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	ŧ
98	5.00	4.00	4.00	3.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	
99	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	3.00	5.00	4.00	4.00	5.00	3.00	5.00	5.00	
00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	
101	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	
02	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	1
03	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	
04	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	
05	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	
06	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
07	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
80	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5
09	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	:
10	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	
11	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	
12	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	
13	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	3.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	
14	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	ŧ
815	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	-
316	\$ 5.00	5 00	4 00	4 00	5 00	4 00	4 00	5.00	5.00	5 00	5 00	5 00	4 00	5 00	4 00	5 00	4 00	4 00	,

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ile	Edit	View	Data	Transform	Analyze	Graphs	Utilities	Extens	ions <u>W</u> indo	w <u>H</u> el	lp								
				-		₩	۳	H			@	Q Sear	ch applica	tion					
5:1	РТЗ		1.00														Vis	ble: 75 of 75	Variable
	🔗 IQ13	1	IQ14 🤞	🖻 IQ15 🛷	SFAIU1 🥔	SFAIU2 🎺	SFAIU3 🥔	SFAIU4	🖗 SFAIU5 🧳	SFAIU6	🖉 SFAIU7 🥠	SFAIU8 👌	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	Neg
94	4.00	D	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	
95	5.00	D	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	2.00	2.00	1.00	
6	5.00	D	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	1.00	2.00	4.00	
7	5.00	0	5.00	4.00	5.00	3.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	1.00	2.00	4.00	
8	4.00	0	3.00	5.00	5.00	4.00	4.00	5.00	3.00	4.00	5.00	5.00	4.00	4.00	5.00	1.00	2.00	4.00	
9	5.00	0	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	3.00	1.00	2.00	
0	5.00	D	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	
1	4.00	0	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	
2	5.00	0	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	
3	5.00	0	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	
4	5.00	0	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	
5	5.00	C	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	
6	5.00	0	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	
7	5.00	0	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	
в	4.00	0	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
9	4.00	D	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
0	5.00	0	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
1	4.00	0	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	
2	5.00	0	4.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	
3	5.00	0	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	
4	5.00	D	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	
5	4.00	D	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	
6	4 00 <	0	5 00	5 00	4 00	4 00	5 00	4 00	5 00	5 00	5 00	4 00	4 00	4 00	4 00	4 00	4 00	5 00	,

Cha	pter 4.s	av (Data)	Set11 - IBM	SPSS Statisti	cs Data	Editor											_	o ×
Eile	Edit	View		Transform			<u>U</u> tilities	Extensions	Window	Help								
					1		ч	A =	1	- - -	QSe	arch applicatio	n					
95 : F	РТ3		1.00														Visible: 75 o	f 75 Variabl
	🛷 Ne	gPT8	NegPT	11 🥔 Negi	PT12 4	🔗 NegC7	🛷 PT	🛷 с	🛷 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var
294		5.00	4.	00	4.00	4.00	4.20	4.27	4.20	4.44								
295		1.00	1.	00	5.00	4.00	3.20	4.47	3.87	4.44								
296		4.00	4.	00	5.00	3.00	3.53	4.47	4.67	4.33								
297		4.00	4.	00	5.00	4.00	3.60	4.60	4.53	4.56								
298		4.00	5.	00	4.00	4.00	3.73	4.47	4.47	4.33								
299		2.00	5.	00	1.00	1.00	3.73	4.33	4.33	4.44								
300		4.00	5.	00	4.00	4.00	4.13	4.53	4.67	4.44								
301		4.00	5.	00	4.00	4.00	4.27	4.53	4.67	4.56								
302		4.00	5.	00	5.00	5.00	4.13	4.60	4.73	4.67								
303		5.00	5.	00	4.00	4.00	4.07	4.53	4.60	4.44								
304		4.00	5.	00	5.00	4.00	4.07	4.60	4.67	4.56								
305		5.00	4.	00	5.00	5.00	4.27	4.60	4.67	4.56								
306		5.00	4.	00	5.00	4.00	4.13	4.53	4.53	4.67								
307		5.00	5.	00	5.00	4.00	4.07	4.60	4.60	4.56								
308		5.00	4.	00	5.00	4.00	4.33	4.53	4.67	4.56								
309		5.00	5.	00	4.00	4.00	4.13	4.67	4.60	4.56								
310		5.00	5.	00	5.00	4.00	4.00	4.53	4.67	4.56								
311		5.00	4.	00	4.00	4.00	4.20	4.40	4.67	4.56								
312		5.00	4.	00	5.00	4.00	4.27	4.47	4.60	4.44								
313		4.00	5.	00	4.00	5.00	4.07	4.60	4.60	4.44								
314		4.00	5.	00	4.00	5.00	4.07	4.67	4.60	4.56								
315		4.00	5.	00	4.00	4.00	3.93	4.60	4.60	4.56								
316	<	5 00	5	00	5 00	4 00	4 00	4 47	4 60	4 44							_	>

ile	<u>E</u> dit	<u>V</u> iew	<u>D</u> ata	Transforn	n <u>A</u> nalyze	<u>G</u> raphs	<u>U</u> tilities	Extensio	ons <u>W</u> indo	w <u>H</u> elp										
					¥ 🏋	* =	۴	A			2		h applicatio	n						
5:1	РТ3		1.00															Visible:	75 of 75 V	ariabl
		ndergr 🦂	threest ates	ed	💦 gender	📲 age	💑 ethnic	typeofu ni	💰 locatedi 🚽	frequen tly	🧳 PT1	🧳 РТ2	🦑 РТЗ	🛷 PT4	🦑 PT5	🛷 РТ6	🛷 РТ7	🥔 РТ8	🛷 РТ9	<i>«</i>
5		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	1.00	4.00	1.00	2.00	4.00	1.00	2.00	5.00	2.00	5.00	
6		1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	5.00	2.00	2.00	5.00	2.00	2.00	4.00	1.00	5.00	
7		1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	4.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
8		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	1.00	5.00	1.00	2.00	4.00	1.00	1.00	5.00	2.00	4.00	
9		1.00	1.00	1.00	1.00	1.00	3.00	1.00	2.00	2.00	4.00	2.00	2.00	4.00	1.00	2.00	5.00	2.00	4.00	
0		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	1.00	5.00	2.00	1.00	4.00	1.00	2.00	5.00	1.00	4.00	
1		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	2.00	5.00	2.00	1.00	4.00	2.00	1.00	4.00	2.00	5.00	
2		1.00	1.00	1.00	2.00	2.00	2.00	1.00	2.00	1.00	5.00	1.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
3		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	1.00	4.00	2.00	1.00	5.00	1.00	1.00	5.00	1.00	4.00	
4		1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	1.00	4.00	2.00	2.00	4.00	5.00	5.00	4.00	2.00	4.00	
5		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	2.00	1.00	4.00	5.00	4.00	5.00	2.00	5.00	
6		1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	2.00	3.00	3.00	2.00	5.00	5.00	4.00	5.00	2.00	5.00	
7		1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	1.00	4.00	1.00	2.00	4.00	4.00	5.00	4.00	2.00	4.00	
8		1.00	1.00	1.00	2.00	1.00	1.00	1.00	2.00	1.00	4.00	2.00	2.00	5.00	1.00	1.00	4.00	2.00	5.00	
9		1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	2.00	5.00	2.00	2.00	5.00	1.00	2.00	5.00	1.00	4.00	
0		1.00	1.00	1.00	1.00	2.00	1.00	2.00	2.00	2.00	5.00	1.00	1.00	4.00	1.00	2.00	5.00	2.00	4.00	
1		1.00	1.00	1.00	1.00	2.00	1.00	2.00	2.00	1.00	4.00	2.00	2.00	4.00	1.00	1.00	5.00	1.00	4.00	
2		1.00	1.00	1.00	2.00	2.00	3.00	2.00	2.00	2.00	5.00	1.00	2.00	5.00	2.00	1.00	5.00	2.00	4.00	
3		1.00	1.00	1.00	2.00	2.00	1.00	2.00	2.00	2.00	4.00	2.00	2.00	5.00	1.00	1.00	5.00	2.00	5.00	
4		1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	4.00	1.00	1.00	4.00	2.00	1.00	5.00	1.00	4.00	
5		1.00	1.00	1.00	2.00	2.00	3.00	2.00	2.00	1.00	4.00	2.00	1.00	5.00	1.00	2.00	4.00	1.00	5.00	
6		1.00	1.00	1.00	2.00	2.00	2.00	1.00	2.00	2.00	5.00	1.00	2.00	4.00	2.00	1.00	5.00	1.00	4.00	
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Eile	<u>E</u> dit 1	/iew <u>D</u> a	ta <u>T</u> rar	-	. –	aphs <u>U</u> tiliti	-	sions <u>W</u> ind	-										
		3 🗉				-			▲	Q 💽	🔍 Sea	rch applicat	ion						
95 : F	тз	1	00														Visibl	e: 75 of 75	Variabl
	🔗 РТ9	🛷 PT10	🛷 PT1	1 🛷 PT12	🧳 PT13	🛷 PT14	🛷 PT15	🧳 C1	🦑 C2	🛷 СЗ	🛷 C4	🧬 C5	🛷 C6	🛷 C7	🤣 C8	🛷 С9	🦑 C10	🧳 C11	🦑 C1
315	5.00	4.0	1.0	2.0	0 4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	2.00	4.00	4.00	4.00	5.00	5
316	5.00	5.0	0 1.0	00 1.0	0 4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	2.00	4.00	4.00	5.00	5.00	5
317	5.00	5.0	0 1.0	2.0	0 4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	2.00	4.00	4.00	4.00	4.00	5
818	4.00	5.0	0 1.0	2.0	0 4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	5.00	5.00	5.00	4
19	4.00	4.0	0 1.0	00 2.0	0 4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	2.00	4.00	5.00	4.00	4.00	5
20	4.00	4.0	2.	00 1.0	0 5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	2.00	4.00	4.00	5.00	5.00	4
21	5.00	5.0	0 1.0	2.0	0 5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	2.00	4.00	5.00	4.00	5.00	4
22	4.00	4.0	2.	00 1.0	0 5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	4
23	4.00	4.0	2.	00 1.0	0 5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	5.00	4.00	ł
24	4.00	5.0	2.	00 1.0	0 4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	3.00	2.00	5.00	3.00	4.00	5.00	
25	5.00	5.0	0 1.0	3.0	0 5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	1.00	4.00	5.00	5.00	4.00	
26	5.00	4.0	2.	00 1.0	0 5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	2.00	5.00	4.00	5.00	4.00	6
27	4.00	5.0	2.	00 2.0	0 4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	
28	5.00	4.0	0 1.0	2.0	0 5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	2.00	5.00	5.00	4.00	4.00	
29	4.00	4.0	0 1.0	00 1.0	0 5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	4.00	
30	4.00	5.0	0 1.0	00 2.0	0 4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	1.00	4.00	4.00	5.00	5.00	
31	4.00	5.0	0 1.0	2.0	0 5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	4.00	4.00	5.00	4.00	
32	4.00	5.0	2.	00 1.0	0 4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	2.00	4.00	4.00	5.00	5.00	
33	5.00	4.0	0 1.0	00 1.0	0 4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	2.00	4.00	5.00	5.00	5.00	
34	4.00	5.0	1.0	00 2.0	0 5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	2.00	5.00	5.00	4.00	5.00	
35	5.00	5.0	2.	00 1.0	0 5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	5.00	4.00	5.00	
336	4.00	5.0) 1.0	00 1.0	0 5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	2.00	5.00	4.00	4.00	5.00	(

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Cha	pter 4.sav [[DataSet1] - IE	BM SPSS Stati	stics Data Ed	litor												2	- 0	×
Eile	Edit Vi	ew <u>D</u> ata	Transform	m <u>A</u> naly	ze <u>G</u> raph	s <u>U</u> tilities	Extensi	ons <u>W</u> ind	ow <u>H</u> elp	,									
) 🗖	10	¥ 🖁		k	H			۹ 💽	Q Sear	ch applicati	on						
95 : 1	тз	1.00)														Visible	: 75 of 75	Variable
	🔗 C11	🔗 C12	🛷 C13	🔗 C14	5 C15	🧳 IQ1	🔗 IQ2	🤣 IQ3	🔗 IQ4	4 ⁹ IQ5	🥔 IQ6	🧬 IQ7	🧬 IQ8	🧬 IQ9	🧬 IQ10	🧬 IQ11	A 1Q12	🧬 IQ13	A IC
315	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	
316	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	
317	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	
318	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
819	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	
320	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	
321	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	
322	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	
323	4.00	5.00	4.00	4.00	5.00	3.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	
324	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	3.00	4.00	5.00	
325	4.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	3.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
326	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	
327	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	3.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	
328	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	
329	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	
30	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
331	4.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	
332	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	
333	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	
334	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	
335	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	3.00	
336	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	4.00	
337	\$ 5.00	4 00	4 00	5 00	5 00	5 00	4 00	4.00	5.00	5.00	5.00	5 00	5 00	4 00	5 00	5 00	5 00	5 00	>

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	P 1Q13	1Q14		IQ15 🔗	SFAIU1 🔗	SFAIU2	SFAIU3	SFAIU4	SFAIU5	SFAIU6	SFAIU7 🔗	SFAIU8	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	
15	4.00	4.0	0	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	
16	4.00	5.0		5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	
17	4.00	4.0	0	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00)
18	4.00	5.0	0	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00)
19	4.00	5.0	0	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00)
20	4.00	5.0	0	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	
21	5.00	4.0	0	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00)
22	5.00	5.0	0	4.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	
23	4.00	4.0	0	5.00	5.00	5.00	4.00	4.00	4.00	5.00	3.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	
24	5.00	4.0	0	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	3.00	4.00	4.00	1.00	1.00	4.00)
25	5.00	4.0	0	5.00	4.00	5.00	5.00	4.00	3.00	5.00	5.00	3.00	4.00	4.00	5.00	1.00	2.00	4.00	
26	4.00	5.0	0	4.00	4.00	4.00	4.00	5.00	5.00	5.00	3.00	5.00	4.00	3.00	4.00	1.00	2.00	4.00	
27	5.00	4.0	0	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	3.00	4.00	5.00	4.00	2.00	1.00	4.00)
28	4.00	5.0	0	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00)
29	4.00	5.0	0	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	
30	5.00	5.0	0	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00)
31	4.00	4.0	0	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	
32	5.00	5.0	0	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00)
33	4.00	4.0	0	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	
34	5.00	4.0	0	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	
35	3.00	5.0		5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	
36	4.00	5.0		5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	
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	👂 NegF	РТ8 🛷	NegPT11	negPT12 🎸	negC7 🎸	🛷 PT	🛷 с	n 🍫	🛷 SFAIU	var	var	var	var	var	var	var	var
315		4.00	5.00	4.00	4.00	3.93	4.60	4.60	4.56								
16		5.00	5.00	5.00	4.00	4.00	4.47	4.60	4.44								
17		5.00	5.00	4.00	4.00	4.13	4.47	4.60	4.56								
818		4.00	5.00	4.00	5.00	4.20	4.67	4.67	4.56								
19		4.00	5.00	4.00	4.00	3.93	4.60	4.60	4.67								
320		5.00	4.00	5.00	4.00	4.13	4.40	4.60	4.44								
21		4.00	5.00	4.00	4.00	4.13	4.47	4.60	4.78								
22		5.00	4.00	5.00	4.00	4.20	4.47	4.53	4.44								
23		5.00	4.00	5.00	4.00	4.20	4.53	4.47	4.33								
24		4.00	4.00	5.00	4.00	3.40	4.27	4.33	4.44								
25		4.00	5.00	3.00	5.00	3.87	4.53	4.33	4.22								
26		4.00	4.00	5.00	4.00	3.60	4.47	4.27	4.33								
27		4.00	4.00	4.00	4.00	3.67	4.67	4.33	4.44								
28		4.00	5.00	4.00	4.00	4.07	4.53	4.53	4.56								
29		5.00	5.00	5.00	4.00	4.00	4.47	4.67	4.56								
30		4.00	5.00	4.00	5.00	4.13	4.53	4.67	4.56								
31		5.00	5.00	4.00	4.00	4.13	4.40	4.47	4.44								
32		4.00	4.00	5.00	4.00	4.13	4.53	4.67	4.44								
33		4.00	5.00	5.00	4.00	4.00	4.53	4.53	4.56								
34		5.00	5.00	4.00	4.00	4.27	4.60	4.60	4.56								
35		5.00	4.00	5.00	5.00	4.20	4.67	4.53	4.67								
36		5.00	5.00	5.00	4.00	4.13	4.60	4.60	4.44								
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36	1.00	1.00	1.00	2.00	2.00	2.00	1.00	2.00	2.00	5.00	1.00	2.00	4.00	2.00	1.00	5.00	1.00	4.00	
37	1.00	1.00	1.00	2.00	2.00	1.00	2.00	2.00	2.00	5.00	1.00	2.00	5.00	1.00	1.00	4.00	2.00	4.00	
38	1.00	1.00	1.00	1.00	1.00	3.00	2.00	2.00	2.00	4.00	2.00	2.00	5.00	1.00	2.00	4.00	1.00	5.00	
39	1.00	1.00	1.00	2.00	1.00	2.00	1.00	2.00	1.00	4.00	1.00	1.00	4.00	1.00	2.00	5.00	1.00	5.00	
40	1.00	1.00	1.00	2.00	1.00	3.00	1.00	1.00	2.00	4.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	4.00	
41	1.00	1.00	1.00	2.00	1.00	2.00	1.00	2.00	2.00	5.00	2.00	3.00	5.00	2.00	1.00	4.00	1.00	4.00	
42	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	4.00	2.00	1.00	5.00	1.00	2.00	5.00	1.00	4.00	
43	1.00	1.00	1.00	2.00	2.00	2.00	2.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00	2.00	5.00	2.00	4.00	
44	1.00	1.00	1.00	2.00	2.00	2.00	1.00	2.00	1.00	5.00	1.00	1.00	5.00	1.00	1.00	5.00	1.00	5.00	
45	1.00	1.00	1.00	1.00	1.00	3.00	2.00	2.00	1.00	4.00	2.00	2.00	5.00	2.00	2.00	5.00	2.00	4.00	
46	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00	2.00	5.00	1.00	1.00	5.00	1.00	1.00	4.00	1.00	4.00	
47	1.00	1.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00	5.00	1.00	2.00	4.00	1.00	1.00	4.00	2.00	5.00	
48	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00	4.00	2.00	1.00	5.00	1.00	1.00	5.00	2.00	4.00	
49	1.00	1.00	1.00	1.00	2.00	3.00	1.00	3.00	1.00	4.00	2.00	1.00	5.00	1.00	2.00	5.00	1.00	4.00	
50	1.00	1.00	1.00	2.00	2.00	3.00	1.00	1.00	1.00	4.00	2.00	2.00	5.00	1.00	1.00	4.00	2.00	4.00	
51	1.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	2.00	4.00	2.00	1.00	4.00	1.00	1.00	5.00	2.00	5.00	
52	1.00	1.00	1.00	1.00	2.00	2.00	1.00	2.00	1.00	4.00	1.00	1.00	3.00	1.00	2.00	4.00	1.00	4.00	
53	1.00	1.00	1.00	1.00	2.00	2.00	1.00	3.00	2.00	4.00	1.00	1.00	5.00	5.00	5.00	5.00	3.00	5.00	
54	1.00	1.00	1.00	1.00	2.00	2.00	1.00	3.00	1.00	5.00	3.00	2.00	5.00	4.00	5.00	5.00	2.00	4.00	
55	1.00	1.00	1.00	1.00	1.00	2.00	1.00	3.00	1.00	4.00	1.00	2.00	5.00	5.00	4.00	5.00	2.00	5.00	
56	1.00	1.00	1.00	2.00	1.00	2.00	2.00	3.00	1.00	5.00	1.00	2.00	4.00	4.00	5.00	5.00	1.00	4.00	
57	1.00	1.00	1.00	2.00	1.00	2.00	1.00	3.00	2.00	4.00	1.00	2.00	5.00	4.00	5.00	4.00	2.00	4.00	

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336	4.00	5.0	0 1.0	0 1.0	0 5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	2.00	5.00	4.00	4.00	5.00	5.0 ^
337	4.00	4.0	0 1.0	0 2.0	0 5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	1.00	4.00	5.00	5.00	5.00	4.0
338	5.00	5.0	0 1.0	0 1.0	0 5.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	2.00	5.00	5.00	5.00	5.00	4.0
339	5.00	5.0	0 2.0	0 1.0	0 4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	5.00	5.00	5.00	4.00	4.0
340	4.00	4.0	0 1.0	0 1.0	0 5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	1.00	5.00	5.00	4.00	5.00	5.0
341	4.00	5.0	0 1.0	0 1.0	0 5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	1.00	5.00	4.00	4.00	5.00	5.0
342	4.00	5.0	0 2.0	0 1.0	0 5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	2.00	4.00	4.00	4.00	5.00	4.0
343	4.00	4.0	0 1.0	0 2.0	0 5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	2.00	5.00	5.00	5.00	4.00	4.0
344	5.00	5.0	0 1.0	0 1.0	0 4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	2.00	4.00	4.00	4.00	5.00	5.0
345	4.00	4.0	0 1.0	0 1.0	0 5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5.00	5.0
346	4.00	5.0	0 1.0	0 1.0	0 5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	1.00	5.00	5.00	4.00	4.00	4.0
347	5.00	5.0	0 1.0	0 2.0	0 4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	1.00	4.00	4.00	5.00	5.00	5.0
348	4.00	4.0	0 1.0	0 2.0	0 5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	1.00	4.00	4.00	4.00	4.00	5.0
349	4.00	4.0	0 1.0	0 1.0	0 5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	5.00	5.00	4.00	4.0
350	4.00	5.0	0 1.0	0 1.0	0 5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	2.00	4.00	3.00	4.00	5.00	5.0
351	5.00	5.0	0 1.0	0 1.0	0 4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	1.00	5.00	5.00	5.00	4.00	5.0
352	4.00	5.0	0 2.0	0 1.0	0 5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	1.00	5.00	4.00	4.00	4.00	5.0
353	5.00	5.0	0 2.0	0 2.0	0 5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	2.00	4.00	5.00	4.00	5.00	4.0
354	4.00	5.0	0 2.0	0 2.0	0 5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	2.00	1.00	5.00	4.00	5.00	4.00	4.0
355	5.00	5.0	0 1.0			4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.0
356	4.00	3.0				5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	2.00	5.00	4.00	5.00	5.00	4.0
357	4.00	5.0	0 1.0	0 2.0	0 5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	1.00	5.00	5.00	4.00	4.00	4.0 🗸
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Eile	Edit V	iew Data	Transfo	rm Anal	ze Grap	hs Utilitie	s Extens	sions Win	dow <u>H</u> el	n									
			L.	~		μ	H				Q Sear	ch applicat	ion						
95 : P1	13	1.00									-						Vieibl	e: 75 of 75	Variabl
	C11		C13	& C14	d C15	AP 101	🔗 IQ2	🧬 IQ3	d 1Q4	d 1Q5	A 1Q6	d 107	A 1Q8	A 109	A 1Q10	A 1Q11	Ø 1Q12	JQ13	Ø IQ
							10.000 S2220	100 C	10 00 00 00 00 00 00 00 00 00 00 00 00 0					5.00		1 0000 C	and a second second	1000000	10.000
336 337	5.00	5.00	5.00 4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	ŧ
338	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	-
39	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	
40	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
40 41	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	
42	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	
43	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	
44	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	
45	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	
46	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	
47	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	
48	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	
49	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	2
50	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	-
51	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	
52	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	
53	5.00	4.00	4.00	5.00	4.00	4.00	3.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	
54	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	3.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	
55	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	3
56	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	
57	4.00	4.00	3.00	4.00	5.00	4.00	4.00	5.00	3.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
358	4 00	5 00	4 00	4 00	5 00	4 00	5 00	4 00	5.00	4 00	5.00	5 00	4 00	5 00	4 00	5 00	4 00	5 00	,

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Eile	Edit	View	Data	Transform	Analyze	<u>G</u> raphs	Utilities	Extensions	Windo	w <u>H</u> elp									
				10 1		╆╡	μ	#				Q Search	n applicatio	n					
95 : I	РТЗ		1.00														Visible	e: 75 of 75 Va	ariable
	1	Q13	NQ14	🧳 IQ15 💰	👂 SFAIU1 🤞	🖗 SFAIU2 🛷	SFAIU3	🔗 SFAIU4 📣	SFAIU5	👂 SFAIU6 🛷	SFAIU7	SFAIU8	🔗 SFAIU9	NegPT2	NegPT3	🔗 NegPT5	NegPT6	NegPT8	1
336		4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	
337		5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	
338		5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	
339		5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
340		5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
341		5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	3.00	4.00	5.00	5.00	
342		4.00	5.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	
343		4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	
344		4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
345		4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	
346		4.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	
347		5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	
348		4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	
349		4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	
350		4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	
351		4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	
352		5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	1
353		4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	1.00	1.00	3.00	
354		4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	3.00	4.00	2.00	1.00	4.00	
355		4.00	4.00	5.00	5.00	4.00	3.00	5.00	5.00	5.00	5.00	3.00	4.00	5.00	4.00	1.00	2.00	4.00	
356		5.00	4.00	5.00	5.00	4.00	3.00	4.00	5.00	4.00	4.00	4.00	4.00	5.00	4.00	2.00	1.00	5.00	
357		5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	2.00	1.00	4.00	
358	<	5 00	5 00	4 00	5 00	4 00	5 00	5 00	4 00	5 00	3 00	4.00	4.00	4.00	3.00	2 00	1 00	5 00	>

Overview Data View Variable View

Page 140 of 161

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Chapt	er 4.sav [Data	Set1] - IBM SP	SS Statistics Da	ata Editor											-	o ×
Eile E	dit <u>V</u> iew	<u>D</u> ata <u>T</u> i	ransform A	nalyze <u>G</u> rapl	hs <u>U</u> tilities	Extensions	Window	Help								
		I		E 🚣 E	Ч	#	1	🖣 🕗 🧧	Q Se	arch applicat	ion					
95 : PT	3	1.00													Visible: 75 of	f 75 Variabl
4	NegPT8	NegPT11	NegPT12	🛷 NegC7	🛷 PT	🔗 С	🛷 IQ	🛷 SFAIU	var	var	var	var	var	var	var	var
336	5.00	5.00	5.00		4.13	4.60	4.60	4.44	Yu.	(Chi	V C41	(Chi	- Car	P GI	(di	vu.
337	4.00	5.00	4.00		4.20	4.60	4.67	4.78								
338	5.00	5.00	5.00		4.07	4.53	4.60	4.67								
339	5.00	4.00	5.00	4.00	4.20	4.60	4.60	4.67								
340	5.00	5.00	5.00	5.00	4.13	4.60	4.67	4.56								
341	5.00	5.00	5.00	5.00	3.93	4.53	4.60	4.56								
342	5.00	4.00	5.00	4.00	4.20	4.60	4.60	4.44								
343	4.00	5.00	4.00	4.00	4.00	4.53	4.60	4.56								
344	5.00	5.00	5.00	4.00	4.40	4.60	4.53	4.67								
345	4.00	5.00	5.00	5.00	3.80	4.67	4.33	4.56								
346	5.00	5.00	5.00	5.00	4.27	4.53	4.47	4.44								
347	4.00	5.00	4.00	5.00	4.13	4.53	4.60	4.44								
348	4.00	5.00	4.00	5.00	4.13	4.53	4.47	4.67								
349	5.00	5.00	5.00	5.00	4.13	4.67	4.60	4.56								
350	4.00	5.00	5.00	4.00	4.00	4.47	4.60	4.78								
351	4.00	5.00	5.00	5.00	4.07	4.67	4.67	4.44								
352	5.00	4.00	5.00	5.00	4.07	4.60	4.53	4.44								
353	3.00	4.00	4.00	4.00	3.73	4.40	4.40	4.67								
354	4.00	4.00	4.00	5.00	3.73	4.33	4.33	4.67								
355	4.00	5.00	4.00	1.00	3.80	4.20	4.47	4.33								
356	5.00	4.00	4.00	4.00	3.80	4.47	4.60	4.11								
357	4.00	5.00	4.00	5.00	3.67	4.47	4.33	4.56								
358 <	5 00	4 00	4 00	4 00	3 73	4 53	4 53	4 33								>

ile	<u>E</u> dit <u>V</u> ie	w <u>D</u> ata	Transfor	m <u>A</u> nalyze	<u>G</u> raphs	s <u>U</u> tilities	Extensio	ns <u>W</u> ind	ow <u>H</u> elp										
) 🗖		¥ 📰	*=	۲	A			2		h applicatio	in						
5 : F	тз	1.00)														Visible:	75 of 75 V	ariabl
	💰 undergr aduate	ates	ed	🚓 gender	📲 age	_{ethnic}	💰 typeofu ni	locatedi	frequen tly	🛷 PT1	🛷 РТ2	🛷 РТЗ	🛷 PT4	🛷 РТ5	🧳 РТб	🛷 РТ7	🤣 РТ8	🛷 РТ9	🛷 F
57	1.00	1.00	1.00	2.00	1.00	2.00	1.00	3.00	2.00	4.00	1.00	2.00	5.00	4.00	5.00	4.00	2.00	4.00	
58	1.00	1.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	4.00	2.00	3.00	5.00	4.00	5.00	5.00	1.00	4.00	
59	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	5.00	2.00	3.00	5.00	4.00	5.00	5.00	1.00	5.00	
50	1.00	1.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	4.00	2.00	1.00	4.00	5.00	5.00	4.00	2.00	5.00	
51	1.00	1.00	1.00	2.00	2.00	2.00	1.00	3.00	1.00	4.00	2.00	1.00	4.00	4.00	5.00	4.00	2.00	5.00	
62	1.00	1.00	1.00	1.00	2.00	2.00	2.00	3.00	1.00	5.00	1.00	1.00	5.00	5.00	5.00	5.00	1.00	5.00	
3	1.00	1.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	5.00	1.00	1.00	5.00	5.00	5.00	5.00	1.00	5.00	
4	1.00	1.00	1.00	1.00	2.00	2.00	1.00	3.00	1.00	5.00	1.00	1.00	5.00	5.00	5.00	5.00	1.00	5.00	
5	1.00	1.00	1.00	2.00	1.00	1.00	2.00	3.00	1.00	5.00	1.00	1.00	5.00	5.00	5.00	5.00	1.00	5.00	
6	1.00	1.00	1.00	2.00	1.00	2.00	1.00	3.00	2.00	5.00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	
7	1.00	1.00	1.00	2.00	2.00	1.00	1.00	3.00	1.00	5.00	1.00	1.00	4.00	5.00	5.00	4.00	1.00	5.00	
8	1.00	1.00	1.00	1.00	1.00	3.00	1.00	3.00	2.00	5.00	1.00	1.00	5.00	4.00	5.00	5.00	1.00	5.00	
9	1.00	1.00	1.00	2.00	1.00	2.00	1.00	3.00	2.00	5.00	1.00	2.00	5.00	4.00	5.00	4.00	2.00	4.00	
0	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	2.00	4.00	2.00	1.00	5.00	1.00	1.00	4.00	2.00	5.00	
1	1.00	1.00	1.00	2.00	1.00	2.00	2.00	3.00	1.00	4.00	1.00	1.00	4.00	1.00	2.00	4.00	1.00	5.00	
2	1.00	1.00	1.00	1.00	1.00	2.00	1.00	3.00	2.00	5.00	1.00	2.00	5.00	4.00	4.00	4.00	2.00	5.00	
3	1.00	1.00	1.00	2.00	2.00	2.00	2.00	3.00	2.00	4.00	2.00	1.00	4.00	1.00	1.00	5.00	2.00	4.00	
4	1.00	1.00	1.00	1.00	1.00	2.00	1.00	3.00	1.00	4.00	2.00	1.00	4.00	5.00	5.00	4.00	2.00	5.00	
5	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	5.00	1.00	1.00	4.00	1.00	2.00	4.00	2.00	5.00	
6	1.00	1.00	1.00	2.00	2.00	1.00	1.00	3.00	2.00	5.00	1.00	2.00	5.00	5.00	5.00	4.00	1.00	5.00	
7	1.00	1.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	4.00	2.00	1.00	4.00	1.00	1.00	5.00	1.00	4.00	
8	1.00	1.00	1.00	1.00	2.00	2.00	1.00	3.00	2.00	5.00	3.00	1.00	4.00	5.00	4.00	4.00	1.00	5.00	
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ile		<u>V</u> iew <u>D</u> a	_	-	alyze <u>G</u> ra	·			ndow <u>H</u> e		_								
)				-	ι 👫				Q Sea	rch applica	tion						
95 :	РТЗ	1.	00														Visib	le: 75 of 75	o Variabl
	🖋 РТ8	🛷 РТ9	A PT10	🛷 PT11	🛷 PT12	A PT13	🖋 PT14	🛷 PT15	🛷 C1	🖋 C2	🖋 СЗ	🖋 C4	🔗 C5	🖋 C6	🛷 C7	🖋 C8	A C9	🖋 C10	🖉 C1
		• • • •	• • • • •	• • • • • •		• • • • •	• • • • • •	• • • • •	• •	•	• ••	• • •	• ••	• ••	·	• ••	• ••	• • • •	• • •
857	2.00	4.00	5.00	1.00	2.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	1.00	5.00	5.00	4.00	4
58	1.00	4.00	5.00	2.00	2.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	2.00	5.00	4.00	5.00	4
59	1.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	2.00	5.00	4.00	4.00	5
60	2.00	5.00				4.00	4.00	5.00	5.00	5.00	3.00	5.00	4.00	5.00	2.00	4.00	4.00	5.00	2
61	2.00	5.00	4.00	1.00	2.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	3.00	1.00	5.00	4.00	4.00	4
62	1.00	5.00	5.00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	3.00	1.00	5.00	5.00	5.00	1
63	1.00	5.00	5.00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	1.00	1.00	5.00	5.00	5.00	5
64	1.00	5.00				5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	1.00	5.00	5.00	5.00	5
65	1.00	5.00				5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	1.00	5.00	5.00	5.00	5
66	5.00	5.00	5.00	5.00		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	1.00	5.00	4.00	5.00	5
67	1.00	5.00	4.00	2.00	1.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	1.00	5.00	5.00	5.00	6
68	1.00	5.00				5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	1.00	5.00	4.00	5.00	1
69	2.00	4.00				4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4
70	2.00	5.00				4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	2.00	5.00	5.00	4.00	5
71	1.00	5.00				4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	5.00	5
72	2.00	5.00				4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	1.00	4.00	5.00	4.00	5
73	2.00	4.00				5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	2.00	5.00	5.00	4.00	4
74	2.00	5.00				5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	1.00	5.00	4.00	5.00	4
75	2.00	5.00		1.00		5.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	1.00	5.00	4.00	4.00	4
76	1.00	5.00				5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	1.00	5.00	4.00	5.00	2
77	1.00	4.00				5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	4.00	4.00	4.00	5
78	1.00	5.00	4.00	2.00	1.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	1.00	5.00	4.00	4.00	4

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Eile	Edit Vie	w <u>D</u> ata	Transfor	m <u>A</u> nalyz	e <u>G</u> raph	s <u>U</u> tilities	Extensi	ons <u>W</u> ind	ow <u>H</u> elp										
) 🗔	1	¥	*=	٣	H			2	Q Searc	h applicatio	n						
95 : 1	PT3	1.00															Visible	75 of 75 \	ariable
	IC10	🔗 C11	6 C12	🔗 C13	N C14	IC15	🧬 IQ1	1Q2	A 1Q3	1Q4	NQ5	1Q6	A 1Q7	A 1Q8	🧬 IQ9	🧬 IQ10	🧬 IQ11	🧬 IQ12	1
357	4.00	4.00	4.00	3.00	4.00	5.00	4.00	4.00	5.00	3.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	
358	5.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	
359	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	3.00	4.00	4.00	5.00	4.00	3.00	5.00	4.00	
860	5.00	2.00	4.00	5.00	5.00	5.00	4.00	3.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	
361	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	3.00	5.00	
362	5.00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
863	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
64	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
865	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
866	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	
367	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	
368	5.00	1.00	2.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	
369	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	3.00	4.00	
870	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	
871	5.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	
72	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	
373	4.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	
874	5.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	
875	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	
876	5.00	2.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	3.00	5.00	4.00	5.00	5.00	4.00	5.00	
377	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	
878	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	
379	< 4 00 ≺	5 00	5 00	4 00	4 00	5 00	4 00	4 00	4 00	5 00	5 00	4 00	5 00	5 00	5 00	4 00	4 00	4 00	>

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Cha	pter 4.s	av [Datas	Set1] - IBI	M SPSS Statistic	s Data Edito	or												- 6	×
ile	Edit	View	Data	Iransform	Analyze	Graphs	Utilities	Extension	ns <u>W</u> indow	<u>H</u> elp									
				100		*=	μ	A				Q Searc	h application						
95 : F	тз		1.00														Vi	sible: 75 of 75	5 Variab
	1Q	2 🧳	IQ13	d IQ14	IQ15 🧳	SFAIU1 🔗	SFAIU2	SFAIU3	SFAIU4	SFAIU5	SFAIU6	SFAIU7	SFAIU8	SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	Neg
357	4	.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	2.00	1.00	
58	4	.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	3.00	4.00	4.00	4.00	3.00	2.00	1.00	
59	4	.00	5.00	4.00	5.00	5.00	3.00	4.00	5.00	4.00	4.00	5.00	3.00	5.00	4.00	3.00	2.00	1.00	
60	4	.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	3.00	2.00	4.00	5.00	1.00	1.00	
61	5	.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	2.00	1.00	
62	5	.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	1.00	1.00	
63	5	.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	1.00	1.00	
64	5	.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	1.00	1.00	
65	5	.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	1.00	1.00	
66	4	.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	1.00	1.00	
67	5	.00	3.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	1.00	1.00	
68	5	.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	2.00	1.00	
69	4	.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	1.00	
70	5	.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	
71	4	.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	
72	4	.00	4.00	4.00	3.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	5.00	4.00	2.00	2.00	
73	5	.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	
74	5	.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	1.00	1.00	
75	5	.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	
76	5	.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	1.00	1.00	
77	5	.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	5.00	
78	4	.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	3.00	5.00	1.00	2.00	
879	4 4	00	5 00	5 00	4 00	4 00	4 00	5 00	5 00	5 00	4 00	4 00	5.00	5.00	5.00	5 00	4 00	5 00	>

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<u>F</u> ile	<u>E</u> dit	<u>V</u> iew	<u>D</u> ata <u>T</u> i	ansform A	nalyze <u>G</u> rap	hs <u>U</u> tilities	Extensions	Window	<u>H</u> elp								
						Ч	A =	1	7	Searc	h application	on					
95 :	PT3		1.00												v	isible: 75 of 7	5 Variabl
	🛷 Negl	PT6	NegPT8	🛷 NegPT11	NegPT12	🛷 NegC7	🛷 РТ	🛷 с	n 🎺	🛷 SFAIU	var	var	var	var	var	var	var
357		1.00	4.00	5.00	4.00	5.00	3.67	4.47	4.33	4.56							
358		1.00	5.00	4.00	4.00	4.00	3.73	4.53	4.53	4.33							
359		1.00	5.00	1.00	1.00	4.00	4.27	4.53	4.40	4.22							
360		1.00	4.00	4.00	5.00	4.00	3.53	4.33	4.40	4.00							
361		1.00	4.00	5.00	4.00	5.00	3.47	4.53	4.40	4.56							
362		1.00	5.00	5.00	5.00	5.00	3.93	4.33	5.00	5.00							
363		1.00	5.00	5.00	5.00	5.00	3.93	4.73	5.00	5.00							
364		1.00	5.00	5.00	5.00	5.00	3.93	4.93	5.00	5.00							
365		1.00	5.00	5.00	5.00	5.00	3.93	5.00	5.00	5.00							
366		1.00	1.00	1.00	1.00	5.00	4.20	4.80	4.67	4.78							
367		1.00	5.00	4.00	5.00	5.00	3.80	4.73	4.60	4.56							
368		1.00	5.00	5.00	1.00	5.00	4.27	4.20	4.67	4.67							
369		1.00	4.00	2.00	1.00	2.00	4.13	4.40	4.47	4.67							
370		5.00	4.00	5.00	5.00	4.00	4.07	4.67	4.53	4.67							
371		4.00	5.00	4.00	5.00	5.00	4.13	4.60	4.60	4.44							
372		2.00	4.00	5.00	4.00	5.00	3.80	4.53	4.40	4.67							
373		5.00	4.00	5.00		4.00	4.07	4.67	4.53	4.44							
374		1.00	4.00	4.00		5.00	3.53	4.67	4.53	4.67							
375		4.00	4.00	5.00		5.00	4.13	4.47	4.60	4.67							
376		1.00	5.00	5.00	4.00	5.00	3.73	4.53	4.60	4.67							
377		5.00	5.00	5.00	5.00	5.00	4.13	4.53	4.53	4.33							
378		2.00	5.00	4.00		5.00	3.67	4.40	4.53	4.56							
379	<	5 00	5 00	5 00	5 00	5 00	4 20	4 53	4 47	4 56							>

Eile	Edit Vie	w Data	Transform	n <u>A</u> nalyze	Graphs	Utilities	Extension	s Windo	w <u>H</u> elp										
		_		¥ 🏋		۳ ا				0	Q Searc	h applicatic	in						
95 : F	тз	1.00															Visible:	75 of 75 V	ariabl
	aduate	ates	ed	휽 gender	📲 age	💑 ethnic	💰 typeofu ni	locatedi n	frequen tly	🛷 PT1	🧳 PT2	🛷 РТЗ	🛷 PT4	🧳 PT5	🧳 РТб	🛷 PT7	🥔 РТ8	🛷 РТ9	🧈 F
378	1.00	1.00	1.00	1.00	2.00	2.00	1.00	3.00	2.00	5.00	3.00	1.00	4.00	5.00	4.00	4.00	1.00	5.00	
379	1.00	1.00	1.00	2.00	2.00	2.00	2.00	3.00	1.00	5.00	1.00	1.00	4.00	2.00	1.00	4.00	1.00	5.00	
380	1.00	1.00	1.00	1.00	1.00	2.00	1.00	3.00	2.00	4.00	2.00	1.00	5.00	4.00	5.00	4.00	2.00	5.00	
381	1.00	1.00	1.00	1.00	2.00	2.00	1.00	1.00	1.00	4.00	2.00	1.00	5.00	4.00	4.00	4.00	2.00	3.00	
382	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	4.00	3.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	
383	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	1.00	5.00	2.00	2.00	5.00	4.00	5.00	3.00	2.00	5.00	
384	1.00	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	3.00	3.00	2.00	4.00	4.00	4.00	4.00	3.00	3.00	
385	1.00	1.00	1.00	2.00	2.00	1.00	2.00	1.00	1.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
386	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	4.00	1.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	
387	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	5.00	2.00	1.00	5.00	4.00	5.00	4.00	1.00	4.00	
388	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	4.00	2.00	2.00	4.00	4.00	5.00	4.00	4.00	4.00	
389	1.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	2.00	5.00	2.00	1.00	5.00	4.00	5.00	5.00	1.00	5.00	
390	1.00	1.00	1.00	1.00	2.00	1.00	2.00	3.00	1.00	4.00	1.00	2.00	4.00	5.00	5.00	5.00	2.00	5.00	
391	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	4.00	4.00	1.00	3.00	3.00	4.00	4.00	5.00	4.00	
392	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	
393	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	1.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
394	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	5.00	1.00	1.00	4.00	5.00	4.00	5.00	2.00	5.00	
395	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	
396	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	4.00	3.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	
397	1.00	1.00	1.00	1.00	1.00	2.00	2.00	3.00	2.00	4.00	1.00	2.00	5.00	4.00	5.00	5.00	2.00	5.00	
398	1.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	
399	1.00	1.00	1.00	1.00	2.00	2.00	2.00	3.00	1.00	4.00	2.00	1.00	5.00	5.00	4.00	5.00	2.00	5.00	

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le	<u>E</u> dit ⊻	iew <u>D</u> ata	<u> </u>	rm <u>A</u> naly	/ze <u>G</u> rap	hs <u>U</u> tilitie	s E <u>x</u> tens	ions <u>W</u> ine	dow <u>H</u> el	p									
) 🗖		~ 📱		Ч	A		A	0	Q Sear	ch applicatio	on						
5:1	РТ3	1.0	0														Visible	75 of 75	/arial
	🛷 РТ9	🛷 PT10	🛷 PT11	🛷 PT12	🛷 PT13	🛷 PT14	🛷 PT15	🛷 C1	🛷 C2	🛷 СЗ	🛷 C4	🦑 C5	🛷 C6	🛷 С7	🛷 С8	🛷 С9	🦑 C10	🛷 C11	1
8	5.00	4.00	2.00	1.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	1.00	5.00	4.00	4.00	4.00	
9	5.00	5.00	1.00	1.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	4.00	5.00	
0	5.00	5.00	2.00	1.00	4.00	5.00	4.00	4.00	5.00	5.00	3.00	4.00	4.00	2.00	5.00	4.00	4.00	5.00	
1	3.00	4.00	2.00	4.00	2.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	1.00	4.00	5.00	4.00	5.00	
2	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	3.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
3	5.00	5.00	1.00	2.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	1.00	3.00	4.00	5.00	4.00	
4	3.00	4.00	4.00	5.00	4.00	3.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
5	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	
6	4.00	5.00	4.00	5.00	5.00	1.00	4.00	4.00	3.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	
7	4.00	4.00	2.00	1.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	1.00	5.00	4.00	5.00	4.00	
8	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	
9	5.00	4.00	2.00	1.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	1.00	4.00	5.00	4.00	5.00	
0	5.00	4.00	2.00	1.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	1.00	4.00	5.00	4.00	5.00	
1	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	
2	4.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	4.00	3.00	3.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	
3	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	3.00	
4	5.00	4.00	3.00	1.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	1.00	5.00	4.00	5.00	4.00	
5	4.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	5.00	
6	4.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
7	5.00	4.00	2.00	2.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	2.00	2.00	5.00	4.00	4.00	5.00	
8	4.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	4.00	3.00	4.00	3.00	4.00	4.00	4.00	5.00	5.00	4.00	
9	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
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Eile	<u>E</u> dit ⊻i	ew D	2ata	Transform	Analyz	e <u>G</u> raphs	<u>U</u> tilities	Extens	ions <u>W</u> ind	ow <u>H</u> elp										
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95 : P	T3		1.00															Visible	: 75 of 75 \	/ariable
	P C11	Ø C1	12	📌 C13 🚽	🖉 C14	P C15	🖋 IQ1	Ø 1Q2	se IQ3	🖉 IQ4	🧈 IQ5	🔗 IQ6	IQ7	A 1Q8	🔗 IQ9	🧳 IQ10	🖋 IQ11	A 1Q12	🧬 IQ13	A IC
378	4.00	5	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	
379	5.00	5	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	
380	5.00	5	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	
381	5.00	4	4.00	4.00	5.00	5.00	4.00	5.00	4.00	3.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	3.00	
382	4.00	4	1.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	
383	4.00	5	5.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	
884	4.00	5	5.00	4.00	4.00	4.00	4.00	5.00	4.00	5.00	3.00	4.00	3.00	5.00	5.00	4.00	4.00	4.00	4.00	
385	4.00	4	4.00	4.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	4.00	
386	5.00	5	5.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	
387	4.00	5	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	3.00	4.00	4.00	
388	4.00	4	4.00	5.00	4.00	4.00	4.00	5.00	4.00	4.00	4.00	4.00	3.00	4.00	5.00	4.00	4.00	4.00	4.00	
389	5.00	5	5.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	5.00	
390	5.00	4	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.00	
391	4.00	4	4.00	4.00	5.00	4.00	3.00	5.00	4.00	4.00	5.00	4.00	4.00	3.00	4.00	5.00	5.00	4.00	5.00	
392	4.00	3	3.00	4.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	
393	3.00	4	4.00	4.00	4.00	4.00	3.00	4.00	4.00	4.00	3.00	4.00	4.00	4.00	4.00	3.00	5.00	4.00	4.00	
394	4.00	5	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	
395	5.00	4	4.00	4.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	
396	4.00	4	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	
397	5.00	4	4.00	4.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	4.00	3.00	5.00	5.00	
398	4.00	3	3.00	5.00	5.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	3.00	3.00	
399	5.00	5	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
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5:1	РТЗ		1.00														Visible	e: 75 of 75 V	ariabl
	Ø 10	213 🤞	👂 IQ14	🖉 IQ15 🧳	SFAIU1 🤞	👂 SFAIU2 🛷	SFAIU3	🔗 SFAIU4 🔗	SFAIU5 🤞	SFAIU6 🔗	SFAIU7	SFAIU8	🔗 SFAIU9	NegPT2	NegPT3	NegPT5	NegPT6	NegPT8	1
8		5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	3.00	5.00	1.00	2.00	5.00	c
9		5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	S
0		5.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	2.00	1.00	4.00	c
1		3.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	3.00	4.00	4.00	5.00	4.00	5.00	2.00	2.00	4.00	C
2		4.00	5.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	3.00	1.00	2.00	2.00	2.00	C
3		4.00	5.00	4.00	5.00	4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	2.00	1.00	4.00)
4		4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	3.00	4.00	2.00	2.00	3.00)
5		4.00	4.00	5.00	4.00	4.00	4.00	5.00	3.00	4.00	4.00	3.00	3.00	1.00	2.00	2.00	2.00	2.00	C
5		4.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	4.00	5.00	2.00	2.00	2.00	1.00	C
7		4.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	2.00	1.00	5.00	C
3		4.00	4.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	2.00	1.00	2.00	C
Э		5.00	5.00	4.00	4.00	5.00	5.00	3.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	2.00	1.00	5.00	S
)		4.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	4.00	1.00	1.00	4.00)
1		5.00	4.00	4.00	4.00	3.00	4.00	4.00	3.00	4.00	5.00	4.00	4.00	2.00	5.00	3.00	2.00	1.00	C
2		4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	5.00	1.00	1.00	1.00	1.00	1.00	C
3		4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	2.00	1.00	1.00	1.00	1.00)
4		5.00	4.00	5.00	4.00	5.00	5.00	4.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	1.00	2.00	4.00)
5		4.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	4.00	4.00	5.00	3.00	2.00	2.00	2.00	1.00	2.00	J
5		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5.00	4.00	4.00	3.00	2.00	1.00	2.00	2.00	C
7		5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.00	2.00	1.00	4.00	c
8		3.00	4.00	4.00	5.00	4.00	5.00	4.00	4.00	4.00	4.00	5.00	5.00	2.00	1.00	1.00	1.00	1.00	J
9		5.00	5.00	5.00	5.00	5.00	4.00	5.00	5.00	5.00	5.00	4.00	4.00	4.00	5.00	1.00	2.00	4.00	C
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									var	var	var	var	var	var	var	var
378	5.00	4.00			3.67	4.40	4.53	4.56								
379	5.00	5.00		5.00	4.20	4.53	4.47	4.56								
380	4.00	4.00		4.00	3.67	4.40	4.60	4.56								
381 382	4.00 2.00	4.00			3.60 3.40	4.47 3.80	4.33 4.20	4.33 4.56								
382	4.00	5.00			3.40	3.80	4.20	4.56								
884	3.00	2.00			3.60	4.47	4.33	4.06								
385	2.00	2.00		2.00	3.33	4.00	4.20	4.33								
386	1.00	2.00			3.33	4.00	4.53	4.67								
386 387	5.00	4.00			3.47	4.00	4.07	4.67								
388	2.00	2.00			3.53	4.55	4.27	4.67								
389	5.00	4.00			3.87	4.20	4.13	4.44								
390	4.00	4.00			3.60	4.47	4.53	4.44								
391	1.00	2.00			3.60	3.93	4.00	3.89								
392	1.00	2.00			3.47	3.87	4.60	4.67								
393	1.00	2.00			3.40	4.13	3.93	4.67								
394	4.00	3.00		5.00	3.40	4.13	4.53	4.67							-	
395	2.00	2.00		2.00	3.33	4.07	4.00	4.44								
396	2.00	2.00			3.40	3.87	4.00	4.11								
397	4.00	4.00			3.80	4.13	4.47	4.67								
398	1.00	1.00			3.33	3.93	4.13	4.44								
399	4.00	1.00		1.00	4.20	4.40	4.67	4.67								
400	5 00	5.00			3.67	4 67	4 53	4 67								

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•	1	.00	1.00	1.00	1.00	2.00	2.00	2.00	3.00	1.00	4.00	2.00	1.00	5.00	5.00	4.00	5.00	2.00	5.00	
	1	.00	1.00	1.00	1.00	2.00	2.00	2.00	3.00	2.00	4.00	1.00	2.00	5.00	5.00	5.00	4.00	1.00	5.00	
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99	5.00	4.00	5.00	5.00	5.00	4.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	5.00	4.00	5.00	
00	5.00	5.00	1.00	2.00	4.00	5.00	4.00	5.00	4.00	4.00	5.00	5.00	5.00	2.00	5.00	4.00	5.00	5.00	
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•	5.00	5.00	4.00	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	4.00	5.00	
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Appendix 6: Reliability test result for Pilot study 1st IV - Personality Traits

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Reliability	atrix										
Notes Scale: ALL VARI	do it with urgency	NegPT8	valid criticisms	coursemate	NegPT11	NegPT12	enjoy comptiveness	exert pressure	emotianally stable		
_ (筐) Title	.523	080	.667	.344	.055	.000	.393	.393	.429		
Case Proce	027	.557	.231	.170	.551	.385	.188	.034	.405		
Reliability S	.279	.605	038	.047	.567	.541	.084	.298	.065		
ltem-Total S	.604	105	.456	.629	.007	.025	.442	.314	.361		
a Scale Statis	.249	.336	.101	.178	.685	.657	.446	.315	.248		
E Reliability	.414	.518	.301	.300	.682	.654	.380	.220	.347		
Title	1.000	075	.278	.558	.253	.271	.593	.511	.327		
Scale: ALL VARI	075	1.000	.025	029	.534	.331	256	226	228		
Title	.278	.025	1.000	.511	031	.000	.217	.144	.571		
Case Proce	.558	029	.511	1.000	.217	.182	.520	.468	.429		
Reliability S	.253	.534	031	.217	1.000	.679	.416	.209	.177		
Inter-Item C	.271	.331	.000	.182	.679	1.000	.388	.158	.336		
item-Total S	.593	256	.217	.520	.416	.388	1.000	.520	.547		
Reliability	.511	226	.144	.468	.209	.158	.520	1.000	.176		
Title	.327	228	.571	.429	.177	.336	.547	.176	1.000		
Construction C	ach's ' ltem ted .870 .863 862										

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Output ^	emotianally stable	.429	.405 .06	3.301	.240	.347	.321220	.971	.429	.111	.330
Reliability											
Notes			ltem-Total S	tatistics							
🖃 🔚 Scale: ALL VARI				Corrected Item-	Squared	Cronbach's					
Title		Scale Mean if Item Deleted	Scale Variance if Item Deleted	Total Correlation	Multiple Correlation	Alpha if Item Deleted					
Case Proce	and the second s										
Reliability S	new ideas NegPT2	50.1667 51.0333	116.902 106.516	.414	.692 .907	.870					
La Item-Total S	NegP12 NegPT3	50,9000	108.852	.591	.907	.863					
Cale Statis	goal oriented	50,5000	115.155	.402	.706	.870					
Reliability	NegPT5	51.7333	100.823	.682	.700	.856					
Title	NegPT6	51,5000	102.672	.805	.905	.851					
Scale: ALL VARI	do it with urgency	51.0333	108.171	.541	.832	.864					
(音) Title	NegPT8	50.3000	117.941	.253	.856	.876					
Case Proce	valid criticisms	50.2667	118.961	.353	.835	.872					
Reliability S	coursemate	50.7000	113.321	.510	.769	.866					
inter-item Ci	NegPT11	51.2333	103.771	.646	.761	.858					
Cale Statis	NegPT12	51.5667	107.426	.593	.798	.862					
E Reliability	enjoy comptiveness	51.1667	107.109	.583	.779	.862					
Title	exert pressure	51.2000	110.234	.408	.787	.872					
G Scale: ALL VARI	emotianally stable	50.6333	114.102	.468	.859	.868					
Title											
Case Proce	Scal	e Statistics									
Reliability S	Mean Variance		Nofitoms								
inter-Item C	54,5667 125,289		15								
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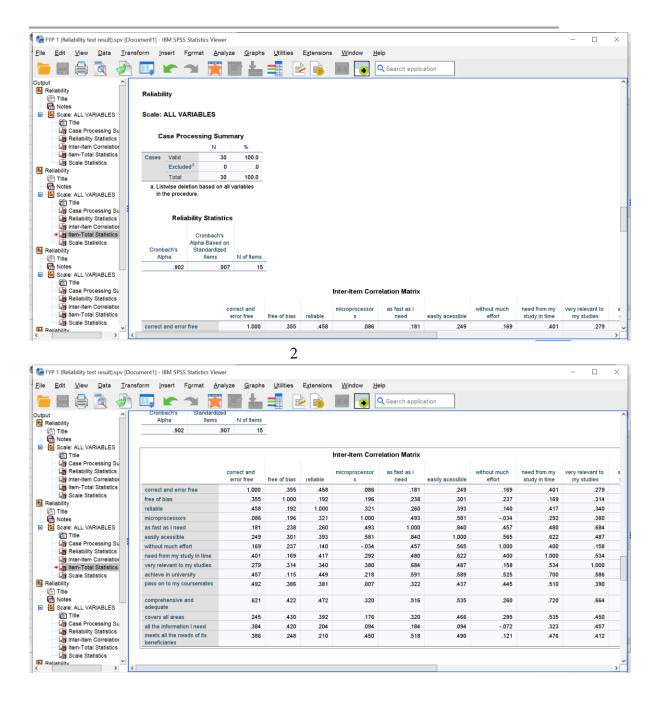
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2nd IV - Creativity

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Title C Notes Scale: ALL VARI Title	atrix express my thoughts fluently	avoid repeating methods	NegC7	produce new ideas	sophisticated style	debate hold arguments	change my position	changes in study methods	see things from different angles	spontaneously and easily	know the opposite opinion
Case Proce	.255	.388	407	.459	.117	.527	.342	.146	.580	.465	.527
Reliability S	.679	.204	294	.383	.106	.562	.141	.395	.446	.646	.663
inter-Item Co	.361	.344	426	.363	.410	.511	.508	.185	.416	.505	.548
Cale Statis	.473	.138	290	.419	.341	.561	.277	.427	.358	.565	.345
Reliability	1.000	.279	346	.144	.263	.465	027	.439	.132	.436	.619
Rotes	.279	1.000	586	.529	.174	.313	087	.347	.226	.202	.483
😑 🔚 Scale: ALL VARI	346	586	1.000	407	266	095	076	299	566	171	446
Title	.144	.529	407	1.000	.264	.401	.110	.332	.292	.466	.379
Case Proce	.263	.174	266	.264	1.000	.418	.108	.159	046	.136	.216
Inter-Item Co	.465	.313	095	.401	.418	1.000	.238	.374	.277	.645	.294
ltem-Total S	027	087	076	.110	.108	.238	1.000	.196	.284	.243	.312
a Scale Statis	.439	.347	299	.332	.159	.374	.196	1.000	.086	.213	.411
Reliability	.132	.226	566	.292	046	.277	.284	.086	1.000	.498	.273
Notes	.436	.202	171	.466	.136	.645	.243	.213	.498	1.000	.345
😑 🔚 Scale: ALL VARI	.619	.483	446	.379	.216	.294	.312	.411	.273	.345	1.000
Tite Case Proce Reliability S Chinter-Item Co Scale Statis Reliability	Cronbach's Alpha if Item Deleted	-									

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Output ^		1	tem-Total Stati	stics					
Title		Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted			
i Title	quick solutions	49.1667	62.213	.643	.688	.814			
Case Proce	more than an idea	49.4667	57.361	.722	.837	.804			
Inter-Item Co	largest possible number	49.4333	59.082	.702	.738	.807			
📲 Item-Total S	different circumstances	49.2333	62.392	.684	.681	.813			
Geliability	express my thoughts fluently	49.2333	61.702	.543	.779	.818			
🖆 Title	avoid repeating methods	49.7667	63.220	.362	.757	.832			
Notes	NegC7	50.5333	81.085	533	.796	.878			
Scale: ALL VARI Title	produce new ideas	49.2000	64.028	.530	.608	.820			
Case Proce	sophisticated style	49.2667	66.340	.300	.567	.833			
Reliability S	debate hold arguments	49.4667	60.464	.716	.817	.808			
🗿 Inter-Item C	change my position	49.2000	64.993	.308	.635	.834			
🔚 Item-Total S	changes in study methods	49.6000	62.869	.441	.554	.825			
Cale Statis	see things from different angles	48.7333	65.720	.405	.721	.827			
Title	spontaneously and easily	49.2333	62.599	.668	.699	.814			
Notes	know the opposite opinion	49.0667	60.961	.669	.836	.811			
Case Proce	Mean Variance Stor 52.9000 72.231	istics I. Deviation N of I 8.49888	tems 15						

3rd IV - Information Quality



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Edit View Data Tra Pieton Construction Scale: ALL VARIABLES Scale: ALL VARIABLES Sca	Insform Insert Fgrmat	Analyze Grap More Interested 1.000 1.000 4.00 4.65 4.75 4.75 4.98 4.92 4.63 3.32 K Scale Mean Ité 1.00 32.000 32.2667	Litities E Image: Construction of purpose Image: Construction of purpose .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .703 .704 .704 .705 .701 .705 .701 .704 .701 .705 .701 .704 .701 .705 .701 .704 .701 .705 .701 .704 .701 .705 .701 .704 .701 .705 .701 .704 .701 .705 .701 .704	Inter-term parts 460	Correlation M understanding of my goals .455 .534 .358 1.000 .380 .380 .380 .384 .447 .354 .237 .354 .237 .354 .237	atrix prioritize tasks 475 525 620 .380 1.000 .640 .771 835 .500 Cronbach's Alpha if Item Deleted .895 .896	time .498 .533 .364 .640 1.000 .715 .593	content .492 .586 .412 .771 .715 1.000 .767	skills .463 .501 .536 .354 .835 .593 .767 1.000	completing my assessment items .332 .444 .653 .237 .500 .469 .471 .470

	nsform <u>I</u> nsert F <u>o</u> rmat <u>/</u>	Analyze <u>G</u> raph	s <u>U</u> tilities E	tensions <u>W</u> ind	ow <u>H</u> elp					
📄 🔳 🖨 🙇 🌏	🛄 🖛 🖜 🍹				Searce	h application				
out ^	manage my time	.498	.533	.364	.364	.640	1.000	.715	.593	.46
Reliability	academic content	.492	.586	.412	.447	.771	.715	1.000	.767	.47
Title	applying the skills	.463	.501	.536	.354	.835	.593	.767	1.000	.4
R Notes	completing my assessment items	.332	.444	.653	.237	.500	.469	.471	.470	1.00
Title										
Reliability Statistics		I	tem-Total Stati	istics						
Inter-Item Correlation		Scale Mean if Item Deleted	Scale Variance	Corrected Item- Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted				
Reliability Ē Title	more interested	32.0000	31.931	.637	.529	.895				
Notes	clearer sense of purpose	32.1000	29.679	.748	.705	.886				
Scale: ALL VARIABLES	persevere with the challenging parts	32.2667	28.547	.664	.712	.896				
Case Processing Su	understanding of my goals	32.0000	33.103	.503	.326	.903				
Reliability Statistics	prioritize tasks	32.1667	30.282	.791	.797	.883				
Inter-Item Correlation	manage my time	32.2000	30.786	.678	.585	.891				
Item-Total Statistics Scale Statistics	academic content	32.3667	30.033	.763	.766	.885				
Reliability	applying the skills	32.0667	31.651	.750	.739	.888				
Title Notes	completing my assessment items	32.1667	32.006	.595	.519	.897				
Scale: ALL VARIABLES										
Title	Scale Stat	istics								
Reliability Statistics		Deviation N of It	0.000							
	36.1667 38.626									
Inter-Item Correlation		6.21502	9							
Inter-Item Correlation								Chinese (Simp		

Appendix 7: Multiple Regression result for Full study

Model Summary^b

			Adjusted R	Std. Error of
Model	R	R Square	Square	the Estimate
1	.715ª	.511	.507	.18089

a. Predictors: (Constant), information, personal traits, creativity

b. Dependent Variable: support

			ANOVA ^a			
		Sum of		Mean		
Model		Squares	df	Square	F	Sig.
1	Regression	13.552	3	4.517	138.049	<.001 ^b
	Residual	12.958	396	.033		
	Total	26.510	399			

a. Dependent Variable: support

b. Predictors: (Constant), information, personal traits, creativity

Coefficients ^a						
		Unstand	lardized	Standardized		
		Coeffi	cients	Coefficients		
Model		В	Std. Error	Beta	t	Sig.
1	(Constant)	1.418	.156		9.071	<.0
	personal	091	.040	109	-2.247	.0
	traits					
	creativity	.412	.048	.472	8.668	<.0
	information	.355	.046	.382	7.701	<.0

a. Dependent Variable: support

Appendix 8: Pearson's Correlation result for full study – Personality traits (1st IV) personal traits support

personal traits	Pearson Correlation	1	.430**
	Sig. (1-tailed)		<.001
	N	400	400
support	Pearson Correlation	.430**	1
	Sig. (1-tailed)	<.001	
	N	400	400

**. Correlation is significant at the 0.01 level (1-tailed).

				Statistics			
		male.fema	18,21,26,	chinese.mal ay.india.othe	public.priv	selangor, kl,	day.week.m
		le	31	r	are	perak	onth.year
Ν	Valid	400	400	400	400	400	400
	Missin	20	20	20	20	20	20
	g						
Mea	n	1.5275	2.0050	1.9750	1.4125	1.8750	1.5850
Std.	Deviation	.49987	1.04772	.79433	.49290	.84627	.62350

Appendix 9: Descriptive Analysis in Full Study

Frequency table:

	Gender							
		Frequenc		Valid	Cumulative			
		у	Percent	Percent	Percent			
Valid	male	189	45.0	47.3	47.3			
	female	211	50.2	52.8	100.0			
	Total	400	95.2	100.0				
Missing	System	20	4.8					
Total		420	100.0					

			Age		
		Frequenc		Valid	Cumulative
		у	Percent	Percent	Percent
Valid	18-20	165	39.3	41.3	41.3
	21-25	121	28.8	30.3	71.5
	26-30	61	14.5	15.3	86.8
	31 or	53	12.6	13.3	100.0
	above				
	Total	400	95.2	100.0	
Missing	System	20	4.8		
Total		420	100.0		

			Ethnic		
		Frequenc		Valid	Cumulative
		у	Percent	Percent	Percent
Valid	chines	131	31.2	32.8	32.8
	malay	148	35.2	37.0	69.8
	india	121	28.8	30.3	100.0
	Total	400	95.2	100.0	
Missing	System	20	4.8		
Total		420	100.0		

Type of university

		Frequenc		Valid	Cumulative
		у	Percent	Percent	Percent
Valid	public	235	56.0	58.8	58.8
	private	165	39.3	41.3	100.0
	Total	400	95.2	100.0	
Missing	System	20	4.8		
Total		420	100.0		

			State		
		Frequenc		Valid	Cumulative
		у	Percent	Percent	Percent
Valid	selangor	171	40.7	42.8	42.8
	kl	108	25.7	27.0	69.8
	perak	121	28.8	30.3	100.0
	Total	400	95.2	100.0	
Missing	System	20	4.8		
Total		420	100.0		

N	S	N	S	N	S
10	10	220	140	1200	291
15	14	230	144	1300	297
20	19	240	148	1400	302
25	24	250	152	1.500	306
30	28	260	155	1600	310
35	32	270	159	1700	313
40	36	280	162	1800	317
45	40	290	165	1900	320
50	44	300	169	2000	322
55	48	320	175	2200	327
60	52	340	181	2400	331
65	56	360	186	2600	335
70	59	380	191	2800	338
75	63	400	196	3000	341
80	66	420	201	3500	346
85	70	440	205	4000	351
90	73	460	210	4500	354
95	76	480	214	5000	357
100	80	500	217	6000	361
110	86	550	226	7000	364
120	92	600	234	8000	367
130	97	650	242	9000	368
140	103	700	248	10000	370
150	108	750	254	15000	375
160	113	800	260	20000	377
170	118	850	265	30000	379
180	123	900	269	40000	380
190	127	950	274	50000	381
200	132	1000	278	75000	382
210	136	1100	285	1000000	384

Appendix 10: The Krejcie and Morgan table

Note .--- Nis population size. S is sample size.

Source: Krejcie & Morgan, 1970