

- Please note that the workshop is aimed to be a brief introduction to the topic and this PowerPoint is primarily designed to support the flow of the workshop. It cannot be seen as either an exclusive or exhaustive resource on the statistical concepts which are introduced in this course. You are encouraged to refer to peer-reviewed books or papers that are listed throughout the presentation.
- It is acknowledged that a limited number of slides have been adapted from presentations produced by the previous statistical consultant (Kylie Lange) and a colleague with whom I worked with in the past (Dr Kelvin Gregory).

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Statistical	<ul> <li>Introductory Level</li> <li>Introduction to IBM SPSS</li> <li>Introduction to Statistical Analysis</li> </ul>
Consulting Website	<ul> <li>IBM SPSS - Intermediate Level</li> <li>Understanding Your Data (Descriptive Statistics, Graphs and Custom Tables)</li> <li>Correlation and Multiple Regression</li> <li>Logistic Regression and Survival</li> </ul>
http://www.flinders. edu.au/library/rese arch/eresearch/stati stics-consulting/	<ul> <li>Analysis</li> <li>Basic Statistical Techniques for Difference Questions         <ul> <li>Advanced Statistical Techniques for Difference Questions</li> <li>Longitudinal Data Analysis - Peneated Measures ANOVA</li> </ul> </li> </ul>
or go to Flinders University Website →A-Z Index →S →Statistical Consultant	Categorical Data Analysis      IBM SPSS - Advanced Level     Structural Equation Modelling using Amos     Linear Mixed Models     Longitudinal Data Analysis - Mixed and     Latent Variable Growth Curve Models     Scale Development
Elinders UNIVERSITY inspiring achievement	Complex Sample Survey Design / ABS and FaHCSIA Confidentialised Datasets     Fuwer Skuzu 2013









<ul> <li>SPSS has three "Windows" that we will use</li> <li>– Data Editor</li> </ul>
<ul> <li>In this view you can enter data and change the characteristics of variables</li> </ul>
<ul> <li>You can now have multiple datasets open at once</li> </ul>
<ul> <li>Syntax Editor</li> </ul>
<ul> <li>In this view you can write and run commands that will perform various statistical procedures</li> </ul>
<ul> <li>Output Viewer</li> </ul>
<ul> <li>And in this view you will see the results of the statistical procedures that you have performed</li> </ul>
Exercise 1
<ul> <li>Entering data into SPSS</li> </ul>
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## SPSS – BOOKS (Online copies)

\* First Choice

Hard copies and online versions

- \* Chapters 2-4 & 8 in Pallant, Julie. (2010). SPSS survival manual a step by step guide to data analysis using SPSS (4th ed.). Maidenhead: Open University Press/McGraw-Hill.
- \* Chapters 2, 3 & 5 in Morgan, George A. (2011). IBM SPSS for introductory statistics : use and interpretation (4th ed.). New York: Routledge.

**Online versions** 

- Chapters 2 & 3 in Bryman, Alan, & Cramer, Duncan. (2011). Quantitative data analysis with IBM SPSS 17, 18 & 19 : a guide for social scientists. Hove ; New York: Routledge.
- Chapters 2 & 3 in Morgan, George A. (2011). IBM SPSS for introductory statistics : use and interpretation (4th ed.). New York: Routledge.
- Chapters 1 & 2 in Marston, Louise. (2010). Introductory statistics for health and nursing using SPSS. Los Angeles: SAGE.
- Chapter 1 in Larson-Hall, Jenifer. (2010). A guide to doing statistics in second language research using SPSS





http://surveyresearch.weebly.com/index.html

## SPSS – Help and Resources Online SPSS FORUMS

(!!! Please keep in mind that usually online resources are not academically peer reviewed. Despite many of them being of high quality as well as being very useful from educational point of view, they shouldn't be treated as a completely reliable and academically sound references.

Ill Suggestions / Guidance found on forums should be especially treated very doubtfully, yet they may point to more reliable academic resources and be somewhat of help.

## Archives of SPSSX-L@LISTSERV.UGA.EDU – List Serve that is endorsed by IBM SPSS http://www.listserv.uga.edu/archives/spssx-l.html

## Other forums

http://groups.google.com/group/comp.soft-sys.stat.spss/topics?gvc=2 http://www.spssforum.com/

