

Exercises for an Introductory Statistics Course Using SPSS and the General Social Survey

There are three sets of instructional exercises for an introductory statistics course available on the Social Science Research and Instructional Council's [website](#). All three sets use the 2014 General Social Survey as the data base for the exercises.

- The first set uses [SPSS](#), a statistical package for which many colleges and universities have a site license. There is an online version of an introduction to SPSS available on [the SSRIC Website](#).
- The second set uses [PSPP](#). Some colleges, including many community colleges, do not have a site license for SPSS. PSPP is free statistical software sponsored by the Free Software Foundation. With some exceptions PSPP is similar to SPSS. Information about PSPP is available in "[Notes on Using PSPP](#)" and "[Differences between PSPP and SPSS](#)" which should answer many of your questions about PSPP.
- The third set uses [SDA](#) (Survey Documentation and Analysis) which was developed by the Survey Methods Program at UC Berkeley. SDA is freely available to anyone with internet access. There are [notes on using SDA](#) which you might find helpful.

The exercises cover most of the topics that an instructor would cover in an introductory statistics course. Here are the links to the 16 SPSS exercises.

- [STAT1S](#) - Exercise Using SPSS to Explore Levels of Measurement
- [STAT2S](#) - Exercise Using SPSS to Explore Measures of Central Tendency and Dispersion
- [STAT3S](#) - Exercise Using SPSS to Explore Measures of Skewness and Kurtosis
- [STAT4S](#) - Exercise Using SPSS to Explore Graphs and Charts
- [STAT5S](#) - Exercise Using SPSS to Explore Hypothesis Testing - One-Sample t Test
- [STAT6S](#) - Exercise Using SPSS to Explore Hypothesis Testing - Independent-Samples t Test
- [STAT7S](#) - Exercise Using SPSS to Explore Hypothesis Testing – Paired-Samples t Test
- [STAT8S](#) - Exercise Using SPSS to Explore Hypothesis Testing – One-Way Analysis of Variance
- [STAT9S](#) - Exercise Using SPSS to Explore Crosstabulation
- [STAT10S](#) - Exercise Using SPSS to Explore Chi Square
- [STAT11S](#) - Exercise Using SPSS to Explore Measures of Association
- [STAT12S](#) - Exercise Using SPSS to Explore Spuriousness
- [STAT13S](#) - Exercise Using SPSS to Explore Correlation
- [STAT14S](#) - Exercise Using SPSS to Explore Bivariate Linear Regression
- [STAT15S](#) - Exercise Using SPSS to Explore Multiple Linear Regression
- [STAT16S](#) - Exercise Using SPSS to Explore Dummy Variable Regression

You have permission to use these exercises and to revise them to fit your needs. Each exercise has a set of keywords describing what is covered in that exercise. There is a spreadsheet that allows you to quickly see the topics covered in each exercise.