

# Introduction to SPSS

## Section 2

Advance to next slide

# Interactive Introduction to SPSS Statistical Software

Welcome,

This module was designed to introduce you to SPSS statistical software. It is an interactive presentation for students who have successfully completed a lower division statistics course and are ready to begin conducting computerized statistical analysis.

# Learning Objectives

You will learn to:

- set-up a data entry page
- work with variables, such as add, move, and recode them
- perform descriptive analysis
- conduct simple correlations

# Directions

- Remember to use the double-down arrows to “Advance to next slide” (or go back and review slides) at your own pace.
- Words in *italics* refer to a location.
- Words in “quotes” are words you type.
- **Bold** indicates a selection (to click on).
- The symbol > indicates that you move to the next step.

# Getting Started

- Data collection methods vary and the capabilities of SPSS are tremendous.
- For this introductory module, we will use a simple survey (on the next slide) as part of a hypothetical study.
- Take a look at the Sample Survey and note the information that is collected with each item.

# Sample Survey

Participant #: \_\_\_

Gender: M    F                      Age: \_\_\_\_\_                      Year: \_\_\_

Current GPA: \_\_\_\_\_                      High School GPA: \_\_\_\_\_

On a scale of 1 to 10, how confident are you that  
you will learn statistics?

1    2    3    4    5    6    7    8    9    10

Not at All

Very

How many years of computer experience have you  
had? \_\_\_

# Open SPSS

- Open SPSS: **Start > All Programs > SPSS for Windows > SPSS 14.0 for Windows**
- Your Version number may be different.
- A medium size window will open.
- Select: **Type in Data > OK**

- This first screen (*Data View*) is where you enter data - one participant per row, one variable per column.
- If it is not full screen with this window on top (example on next slide), hit the full screen button at the top right hand corner of your screen.

# Your screen should look like this.

The image shows a screenshot of a computer screen with two windows open. The background window is 'Untitled1 [DataSet0] - SPSS Data Editor'. It displays a grid for data entry with 32 rows and 16 columns. The columns are labeled 'var' and the rows are numbered 1 through 32. The foreground window is 'Microsoft PowerPoint - [PowerPoint Slide Show - [Save as .pps then ...]'. The slide content is as follows:

- This first screen (*Data View*) is where you enter data - one participant per row, one variable per column.
- If it is not full screen with this window on top (example on next slide), hit the full screen button at the top right hand corner of your screen.

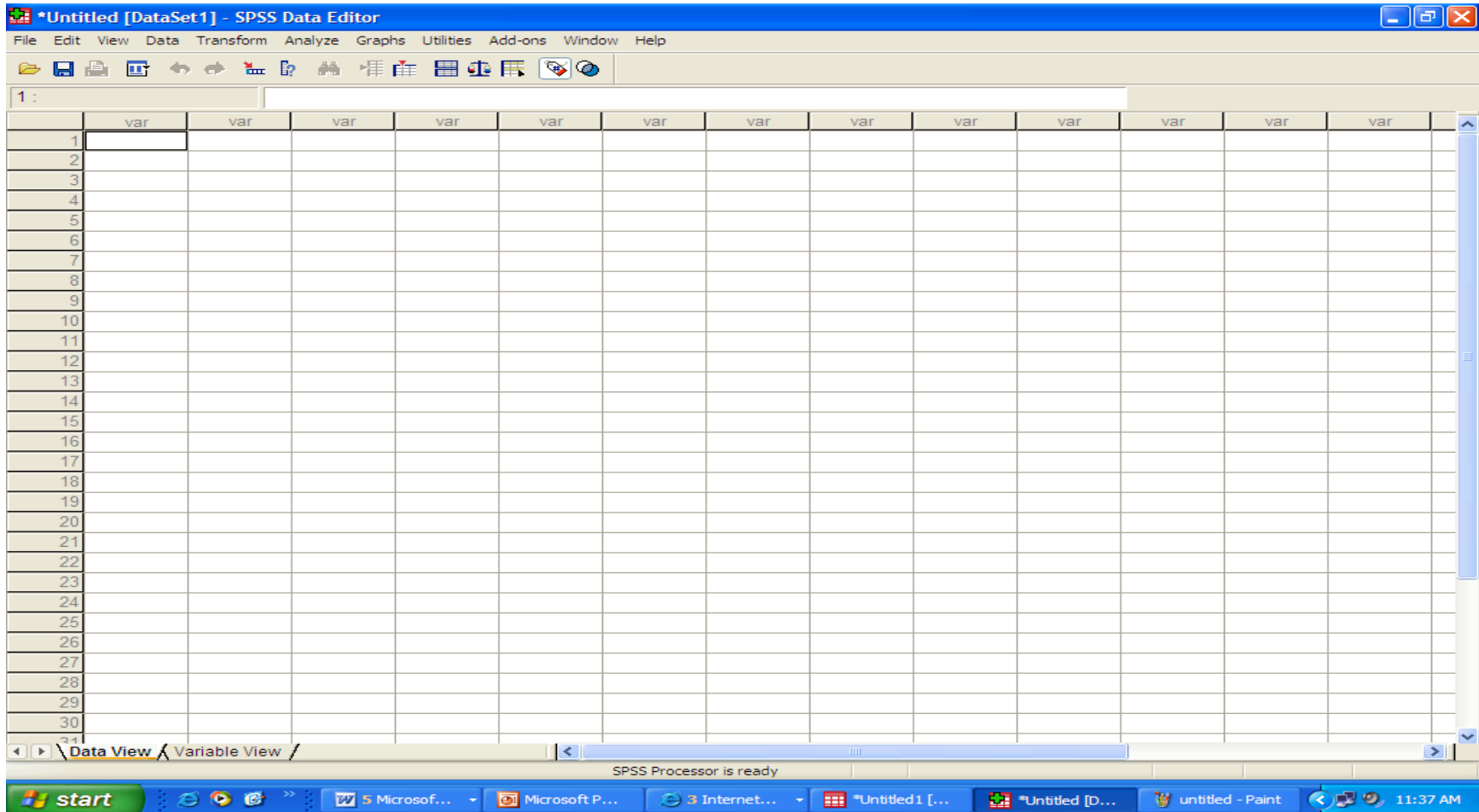
At the bottom of the PowerPoint window, it says 'Advance to next slide' and '14'. The taskbar at the bottom shows the Start button, iTunes, iTunes + QuickTime, Apple Software Update, and the two open windows.

Advance to next slide

17

- For the rest of the module, the small instructional window will not be in the pictures that show what your screen should currently look like.
- See the next slide for an example.

# Your screen should look like this.



Advance to next slide