

Preparing your Data for Analysis

1. Open SPSS (using the start menu)
 - Data view (actual dataset) vs. Variable view (variable entry)
 - Enter these variables: **ID, sex (string), Test1, Test2, Test3**
2. Enter data using the Test Data below NOTE: You must create values for the variables "id" and "sex".
3. Save your data: "SAVE AS" then give this a name-should be followed by **.sav**
4. Go to the "Analyze" tab and click on "Descriptive Statistics"-click on:
 - "Frequencies" obtain the frequencies of all variables
 - "Descriptives" obtain mean, median, mode, and standard deviations for all numeric variables
5. Go to the "Transform" tab and click on 'Compute Variable'
 - Create a new variable using **Test1-Test3 scores** to make the variable "**TOTSCORE**"
6. Go to "Analyze" tab and click on the "Compare Means" then "Means" you will compare the means of "**TOTSCORE**" by sex.
7. Go back to the "Analyze" tab and click on "Correlate" obtain a bivariate correlation coefficient between **Test1** and **Test2**.
8. Go back to the "Analyze" tab and click on "Regression" obtain a regression coefficient for the test of **Test1** by **TOTSCORE**.
9. Go back to the "analyze" tab and click on 'Compare Means' and then "Independent Samples t-test". Obtain a p value for **Test3** by **sex**.
10. Data Management: How to copy and paste the output into a word document.

Test 1	48	58	63	28	38	40	51	46	55	62
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Test 2	56	53	74	24	56	41	46	36	51	50
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Test 3	49	44	69	26	46	40	36	41	54	66
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