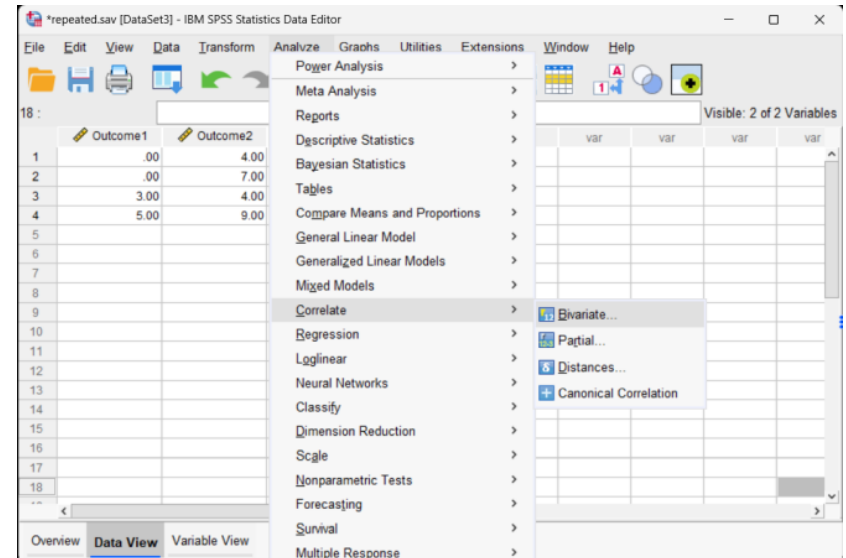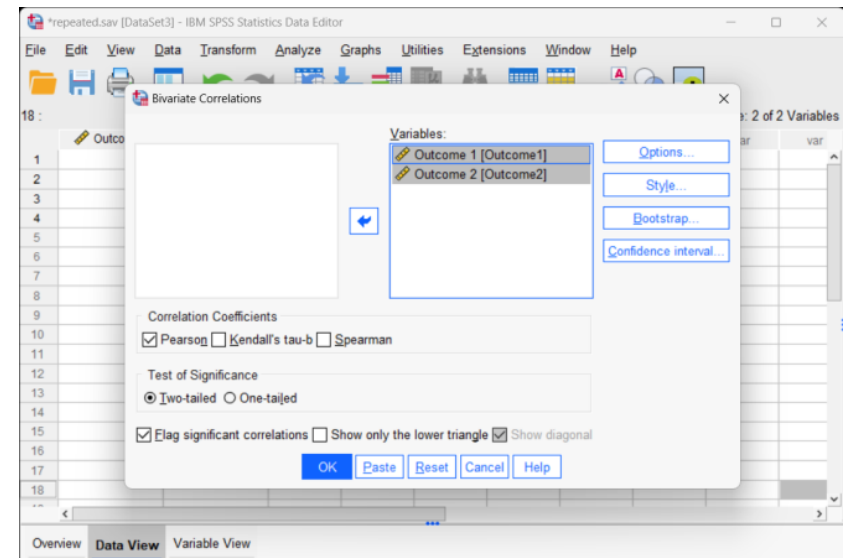# Correlations

Selecting the Analysis

1. First, enter data involving multiple variables (described elsewhere).

2. After the data are entered, select the "Analyze → Correlate → Bivariate" option from the main menu.

Obtaining Inferential Statistics

3. A dialogue box will then appear for you to choose the variables of interest.

4. Select the variables you wish to analyze by clicking on them and clicking the arrow to move them into the "Variables" box.

5. By default, SPSS will have the "Pearson" box checked. This provides the correlation coefficient we discussed. Similarly, having "two-tailed" and "flag significant correlations" will create and display the significance tests (discussed later in the class).

6. If all you wish is a table of correlations (with no descriptive statistics), click "OK." A separate window with the output will appear.

Obtaining Descriptive Statistics

7. If you wish to get the descriptive statistics as well, select the "Options" button.

8. Another dialogue box will appear where you can choose various statistics. Select "Means and standard deviations" and "cross-product deviations and covariances."

9. When you are done, click "Continue." This will return you to the original dialogue box.

10. Now click "OK" in the original dialogue box. A separate window with the output will appear.