Analysis viewlet content

* The Analysis feature for <odesi> allows users to easily create and examine correlations and regressions, using variables from a survey on the server.
* In this tutorial, you will learn how to:
* 1. Add variables to a correlation matrix in <odesi>;
* 2. Modify the correlation to view different types of descriptive statistics;
* 3. Conduct a regression in <odesi>;
* 4. Convert a regression into a correlation;
* 5. and Graph correlations and regressions.
* First, we must find a survey to work with. Open in the Canadian Internet Use Survey, 2005 in the Communications and Information category.
* Open the analysis window by clicking on the Analysis tab.
* To conduct a correlation, make sure the Correlation tab is selected.
* Now we can add variables to our correlation.
* Click on the variable you wish to add ...
* ... and select add to correlation from the pop-up bar.
* Any number of variables can be added. For simplicity, however, in this tutorial we will conduct a correlation involving only two variables.
* Notice that the colours on the table correspond to alpha levels.
* In this table, the correlation between age and marital status is significant at alpha level p<0.001.
* We can add significance to the table by selecting the Significance box ...
* ... and clicking Update.
* We can also add count to the table by clicking on the Count box ...
* ... and clicking Update.
* These options can be removed from the table by deselecting them and clicking Update.
* To create a scatter plot of the correlation, click on the graphing icon.
* Return to the correlation matrix by clicking on the table icon.
* To conduct a regression analysis, select the Regression tab.
* Find variables to add to your regression analysis ...
* ... and add one as your dependent variable ...
* ... and another as your independent variable.
* To create a scatter plot of the regression, click on the graphing icon.
* Return to the regression matrix by clicking on the table icon.
* To make a correlation of the variables used in the regression, click View correlation matrix.
* For any additional help, or if you have any questions ...
* ... click on the Help button ...
* ... or Contact Us.
* The End.
* This concludes the tutorial on conducting an analysis in <odesi>.