Introduction to PASS (Power and Sample Size) Software

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SON Brown Bag Presentation
October 16, 2012

Laptop with PASS is available from Laura Neuberger or Margaret Denny

To use the laptop the first time:

Login with your JHED name and password (will check against JHED pw if on VPN or within SON, otherwise checks last pw stored)

This will direct the laptop to create a user profile for you, and will allow you to login in away from SON as well.

Remember that your options may get changed by other users.

Setting up Options (under Home)

Figure 1. Report Formatting
Selecting a Procedure

By Navigation Bar (left) or Procedures (Menu)

Figure 2. Procedure Selection Window

Figure 3. Procedure Window – Data Screen
Figure 4. Selecting What To Solve For – Drop Down List – Selection Changes Subsequent Options

Figure 5. Enter Other Parameter Values for Search – Drop Down List or Enter Values – Single, List, Range
Figure 6. Select Alternative Hypothesis (Non-parametric Adjustment)

Figure 7. Example of Tool (Icon or Tools Menu)
Figure 8. Procedure Window – Iterations Screen

Figure 9. Procedure Window – Reports Screen
Figure 10. Procedure Window – Plot Setup Screen  (Check Box for Plot Output)

Figure 11. Ready to “Run”
Figure 12. Output Window – Document Ready

Saving options under File Menu

Save As → RTF

Export → Word, PDF, etc.

Add to Output Gallery – creates collection of output run during one session – Save As/Export later

Output Gallery is accessible with Icon
Figure 13. Multiple Scenarios and Plot

Figure 14. Plot Output (Random Data Shown to Illustrate Aspects of Plot That Can Be Refined)
Figure 15. Options for Refining Plot Output

Figure 16. Difference of Two Means in a Cluster Randomized Design
Figure 17. Output from Cluster Randomization Analysis

Figure 18. Plot Output from Cluster Randomization Analysis
Figure 19. Test for Two Proportions (Odds Ratio)

Figure 20. Output from Test for Two Proportions
Figure 21. Plot Output from Odds Ratio Analysis (For “Test Type” Selected on Data Screen)

Figure 22. Plot Output of Figure 21 across Multiple Tests (See “Test Type” Options on Data Screen)