

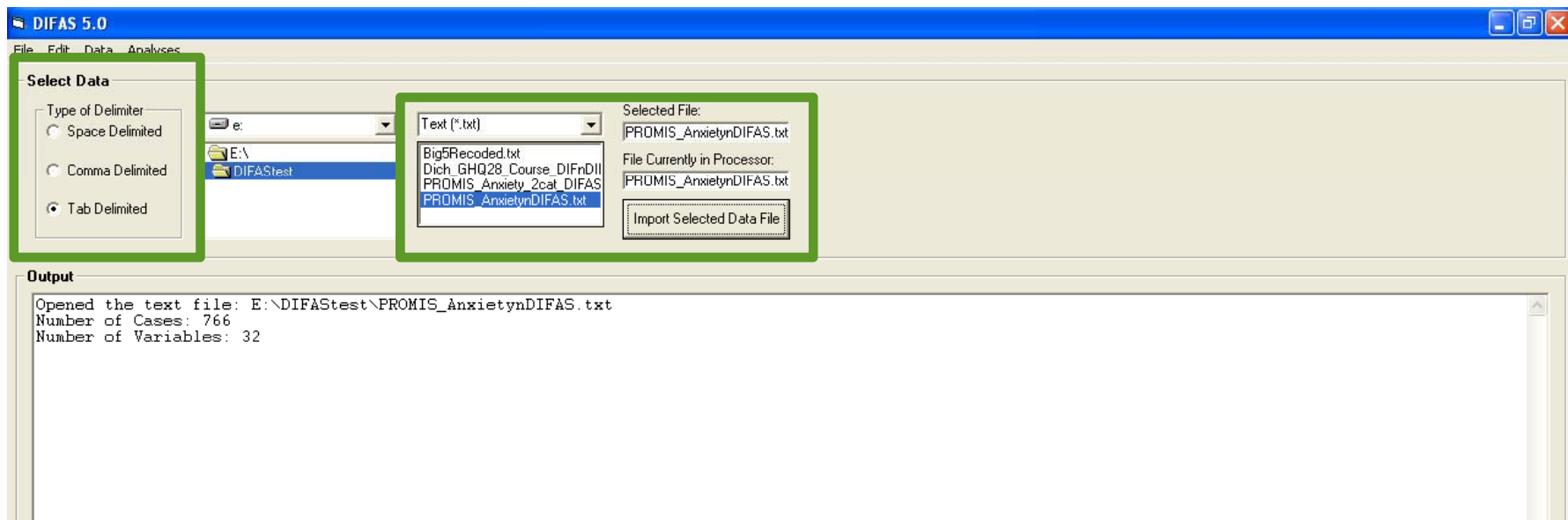
DIFAS

short reference

Summer school in Applied Psychometrics
Peterhouse College, Cambridge
12th to 16th September 2011

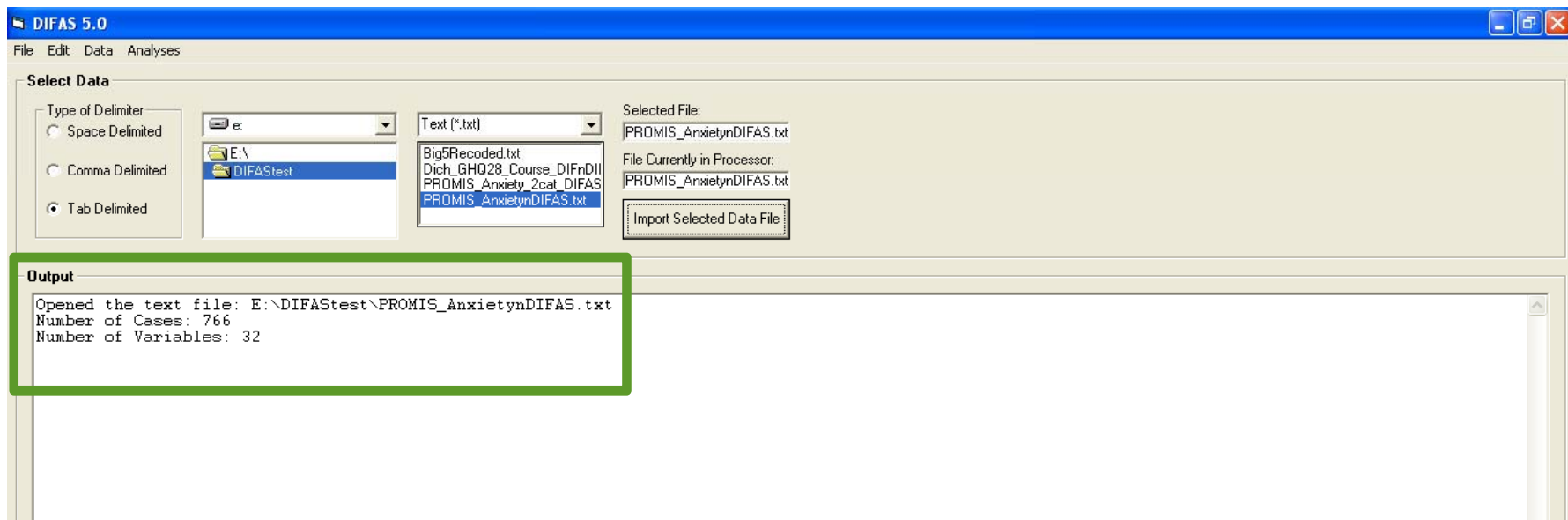
Reading the data

- The data have to be in the specified format (left), items should start with "0" and no variable names in file



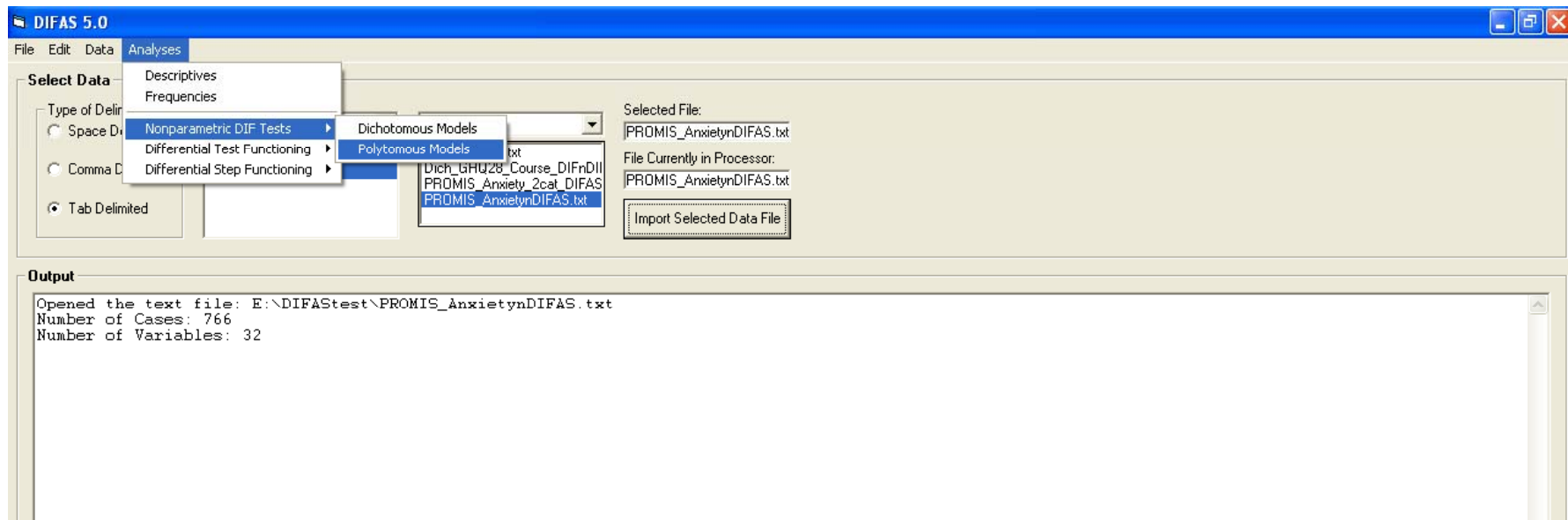
Reading the data

- check whether the summary of the file is correct and maybe even use descriptive statistics!



Starting nonparametric DIF analysis

- choose from the "Analyses" menu and a new pop-up window will appear



Specifying DIF analysis

- choose the items of the scale
- select the grouping variable and define focal and reference groups
- the same for stratification variable
- (the menu for DTF looks the same!)

The screenshot shows the 'Polytomous Models' dialog box with the following settings:

- Select Items:** A list of variables from Var 9 to Var 21. Variables Var 9, 10, 11, 12, 13, and 14 are checked. 'Range of Items' is selected.
- Select Groups:** A list of variables from Var 1 to Var 13. 'Var 1' is selected as the focal group. 'Reference' is set to 0 and 'Focal' is set to 1.
- Select Stratifying:** A list of variables from Var 1 to Var 7. 'Stratify by sum' is selected.
- Options:** 'Stratum Size' is set to 4, and 'Print strata "n"' is checked.

Buttons for 'OK' and 'Cancel' are at the bottom.

