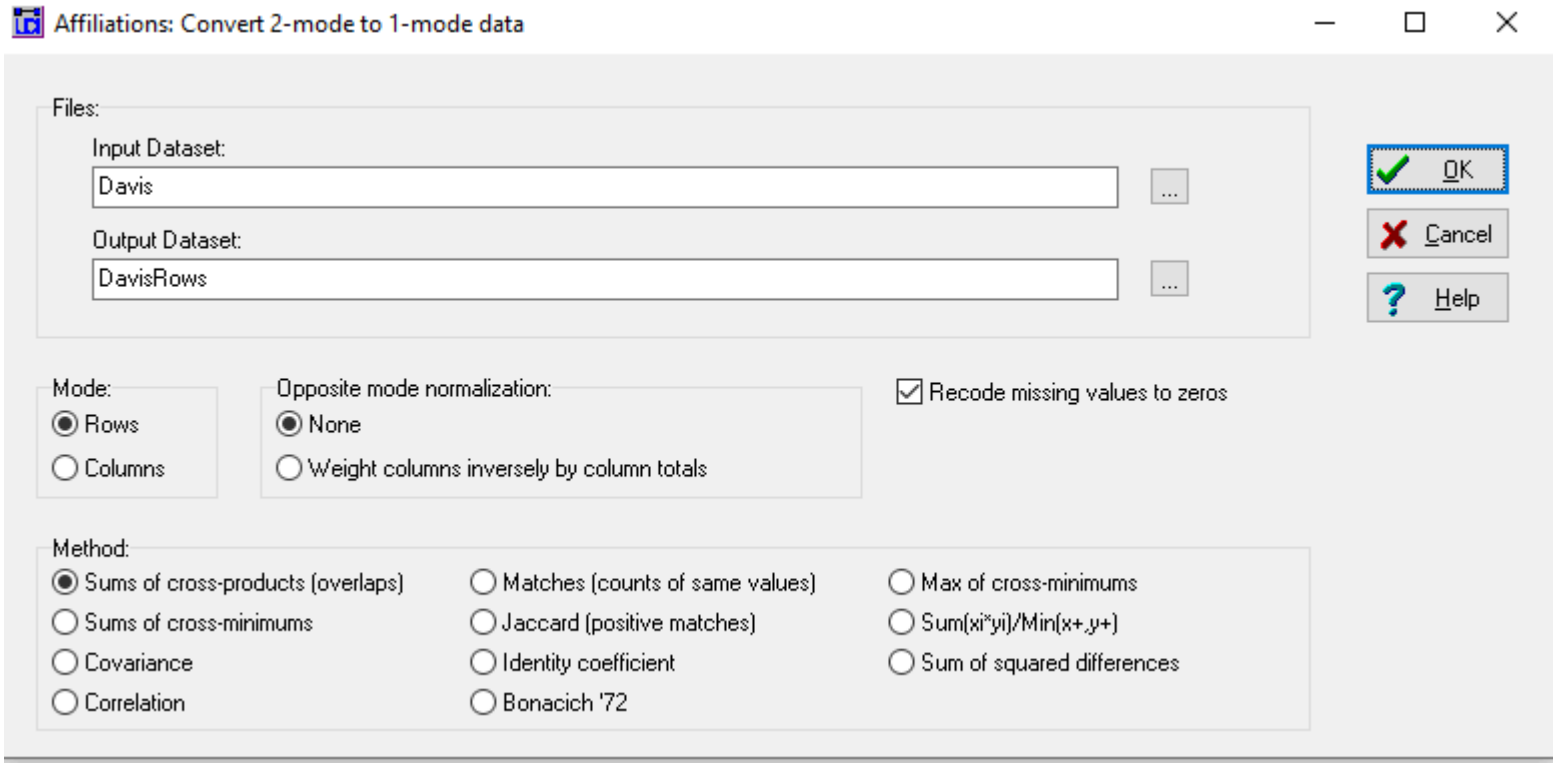
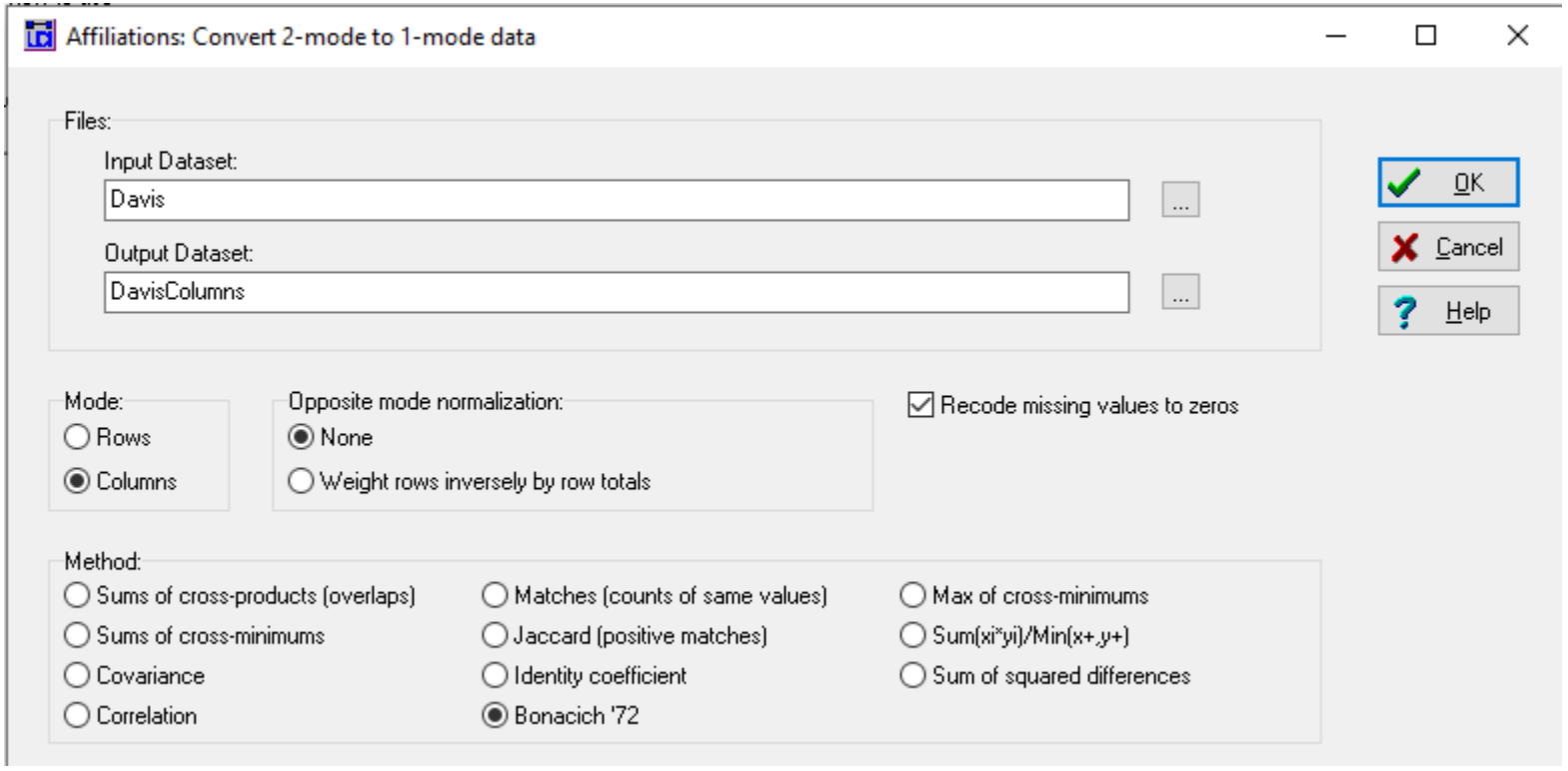
Practice 13.1 Converting to One-Mode Data

To convert a Two-Mode data set, like the Da**vis** data into a One-Mode matrix, simply go to **Data|Affiliations (2-mode to 1-mode)** and open the **Davis** file and click OK. The output log file should match Matrix 13.2 and the matrix is saved as D**avisRows**.



The normalized **event-by-event matrix 13.4** is generate like the woman-by-woman matrix by loading the **Davis** dataset in the Affiliations (2-mode to 1-mode) procedure; however, this time we need to select the Mode "**Columns**" and **Bonacich '72** in the Methods box as follows.


Affiliations: Convert 2-mode to 1-mode data
Files:
Input Dataset:
Davis
Output Dataset:
DavisColumns
OK
Cancel
Help
Mode:
Rows
Columns
Opposite mode normalization:
None
Weight rows inversely by row totals
Recode missing values to zeros
Method:
Sums of cross-products (overlaps)
Sums of cross-minimums
Covariance
Correlation
Matches (counts of same values)
Jaccard (positive matches)
Identity coefficient
Bonacich '72
Max of cross-minimums
Sum(xi*yi)/Min(x+,y+)
Sum of squared differences