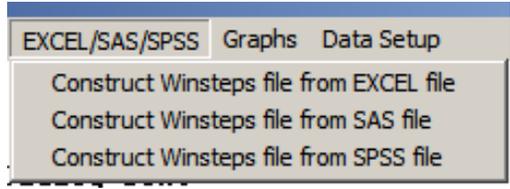
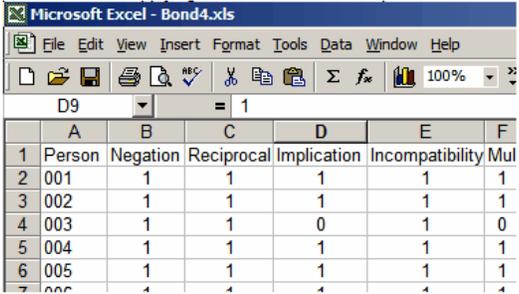
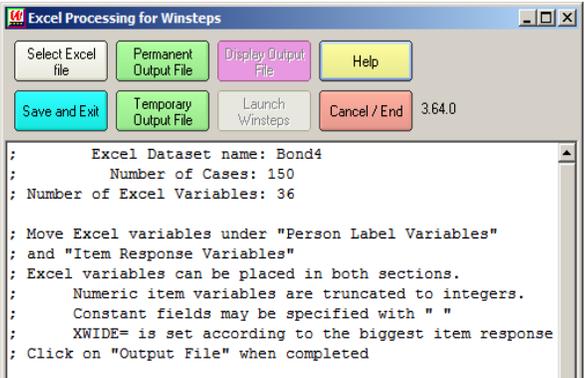
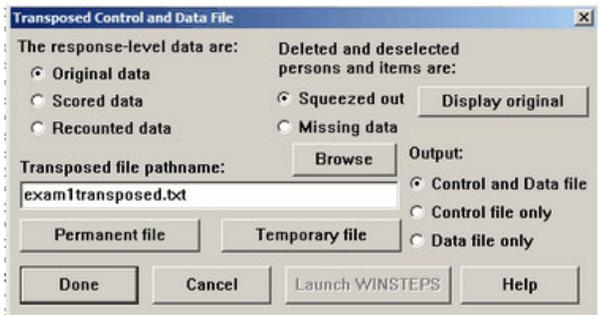
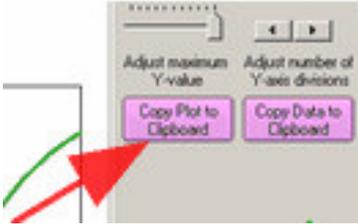
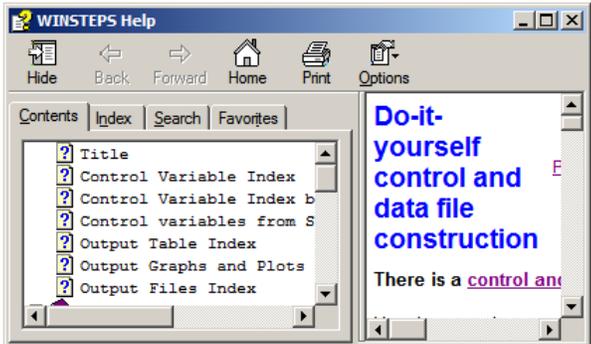


Winsteps 3.64.0 Enhancements and Bug Fixes - September 2007

1.	Format Winsteps control and data files from Excel, SPSS and SAS:																																																																																																								
2.	Easier importing of data from Excel files																																																																																																								
3.	Smoother Excel, SPSS, SAS input-formatting interface:																																																																																																								
4.	DIF/DPF Chi-square interaction summary statistics in Tables 30.4, 31.4. For item chi-squares similar to those reported by RUMM2020, specify DIF=MA3 then Output Table 30.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PUPIL CLASSES</th> <th>SUMMARY CHI-SQUARE</th> <th>DIF D.F.</th> <th>ACT PROB.</th> <th>ACT Number</th> <th>ACT Name</th> </tr> </thead> <tbody> <tr> <td>15</td> <td>4.2435</td> <td>14</td> <td>.9938</td> <td>1</td> <td>WATCH BIRDS</td> </tr> <tr> <td>10</td> <td>8.0431</td> <td>9</td> <td>.5297</td> <td>2</td> <td>READ BOOKS ON ANIMALS</td> </tr> <tr> <td>13</td> <td>3.3564</td> <td>12</td> <td>.9925</td> <td>3</td> <td>READ BOOKS ON PLANTS</td> </tr> <tr> <td>16</td> <td>14.5647</td> <td>15</td> <td>.4832</td> <td>4</td> <td>WATCH GRASS CHANGE</td> </tr> <tr> <td>13</td> <td>25.9517</td> <td>12</td> <td>.0109</td> <td>5</td> <td>FIND BOTTLES AND CANS</td> </tr> </tbody> </table>	PUPIL CLASSES	SUMMARY CHI-SQUARE	DIF D.F.	ACT PROB.	ACT Number	ACT Name	15	4.2435	14	.9938	1	WATCH BIRDS	10	8.0431	9	.5297	2	READ BOOKS ON ANIMALS	13	3.3564	12	.9925	3	READ BOOKS ON PLANTS	16	14.5647	15	.4832	4	WATCH GRASS CHANGE	13	25.9517	12	.0109	5	FIND BOTTLES AND CANS																																																																			
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7.	Transposed files can be produced directly from your control or in batch mode	TRPROFILE= from the control file TRPOTYPE= more file formatting options
8.	“Copy Graph to Clipboard” functioning again. After about a year of malfunction	
9.	Installation routine checks for existing SPSS interface for reading and writing SPSS files. If none, installs basic one.	
10.	Uses Vista-compatible compiled help - HTMLHelp	
11.	Minor bug-fixes and cosmetic changes	