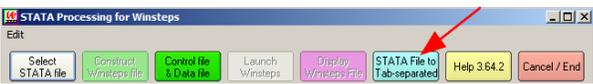
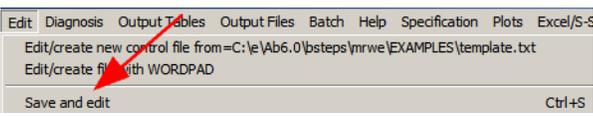
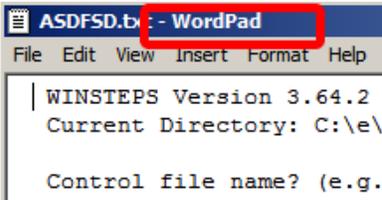


Winsteps 3.64.2 Enhancements and Bug Fixes - November 2007

Enhancements

1.	Enhancement: STATA input added to Excel/SAS/SPSS conversion module	
2.	Enhancement: Tab-separated utility function for: Excel, SAS, Stata, SPSS files	
3.	Enhancement: PSELECT =, ISELECT= option: ~ to omit	<p>ISELECT={~x} omit all items with "x" as the first character of their item labels.</p>
4.	Enhancement: Save the analysis window and display for editing.	 

Bug Fixes

5.	Bug fix: Inestimable correlations reported as 0.00	<p><i>Previously reported as -1.00</i></p>																																																																								
6.	Bug fix: Tables 1.3, 16.3 variable maps "M", "S", "T" on wrong sides of vertical divider																																																																									
7.	Bug fix: in Tables 14.3 etc. distractor table. Numbers misprint under extreme conditions	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ENTRY NUMBER</th> <th>DATA CODE</th> <th>SCORE VALUE</th> <th>DATA COUNT</th> <th>%</th> <th>AVERAGE MEASURE</th> <th>S.E. MEAN</th> <th>OUTFIT MNSQ</th> <th>PTMEA CORR.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0</td> <td>0</td> <td>40320</td> <td>50</td> <td>-10.93</td> <td>.00</td> <td>-.79</td> <td></td> </tr> <tr> <td>1</td> <td>1</td> <td>1</td> <td>40320</td> <td>50</td> <td></td> <td>.00</td> <td>.79</td> <td></td> </tr> </tbody> </table>	ENTRY NUMBER	DATA CODE	SCORE VALUE	DATA COUNT	%	AVERAGE MEASURE	S.E. MEAN	OUTFIT MNSQ	PTMEA CORR.	1	0	0	40320	50	-10.93	.00	-.79		1	1	1	40320	50		.00	.79																																														
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10.	Bug fix: Table 27, 28. Remove all-zero sub-total boxes.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>RAW SCORE</th> <th>COUNT</th> <th>MEASURE</th> <th>MODEL ERROR</th> <th>INFIT MNSQ</th> <th>ZSTD</th> <th>OUTFIT MNSQ</th> <th>ZSTD</th> </tr> </thead> <tbody> <tr> <td>MEAN</td> <td>.0</td> <td>.0</td> <td>.00</td> <td>.00</td> <td>.00</td> <td>.0</td> <td>.00</td> <td>.0</td> </tr> <tr> <td>S.D.</td> <td>.0</td> <td>.0</td> <td>.00</td> <td>.00</td> <td>.00</td> <td>.0</td> <td>.00</td> <td>.0</td> </tr> <tr> <td>MAX.</td> <td>.0</td> <td>.0</td> <td>.00</td> <td>.00</td> <td>.00</td> <td>.0</td> <td>.00</td> <td>.0</td> </tr> <tr> <td>MIN.</td> <td>.0</td> <td>.0</td> <td>.00</td> <td>.00</td> <td>.00</td> <td>.0</td> <td>.00</td> <td>.0</td> </tr> <tr> <td>REAL RMSE</td> <td>.00</td> <td>ADJ.SD</td> <td>.00</td> <td>SEPARATION</td> <td>.00</td> <td>TAP</td> <td>RELIABILITY</td> <td>.00</td> </tr> <tr> <td>MODEL RMSE</td> <td>.00</td> <td>ADJ.SD</td> <td>.00</td> <td>SEPARATION</td> <td>.00</td> <td>TAP</td> <td>RELIABILITY</td> <td>.00</td> </tr> <tr> <td>MEDIAN</td> <td colspan="8">= .00</td> </tr> </tbody> </table>		RAW SCORE	COUNT	MEASURE	MODEL ERROR	INFIT MNSQ	ZSTD	OUTFIT MNSQ	ZSTD	MEAN	.0	.0	.00	.00	.00	.0	.00	.0	S.D.	.0	.0	.00	.00	.00	.0	.00	.0	MAX.	.0	.0	.00	.00	.00	.0	.00	.0	MIN.	.0	.0	.00	.00	.00	.0	.00	.0	REAL RMSE	.00	ADJ.SD	.00	SEPARATION	.00	TAP	RELIABILITY	.00	MODEL RMSE	.00	ADJ.SD	.00	SEPARATION	.00	TAP	RELIABILITY	.00	MEDIAN	= .00							
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11. Bug fix (later): Tables 23, 24 with ISGROUPS=
occasional program crash.

```
requires construction, use diagnosis and output tables menus
Processing Table 23
Calculating ITEM Correlations
Loading:
>-----<
Computing:
>-----<
Calculating Contrasts for Table 23
>.....1.....<
>.....2.....<
>.....3.....<
>.....4.....<
>.....5<
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