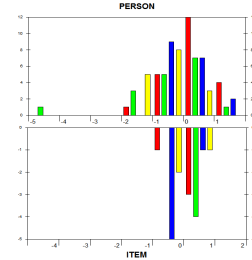
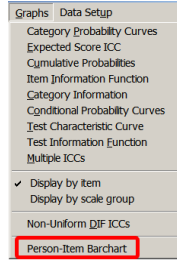


For Winsteps update 3.68.0 2/2009

Graphs Menu:

1. Graphs menu: person and item distribution barchart



Output Tables:

2. Table 10.1, 13.1, 14.1 etc. Adjustments to correlation computations to allow for exceptional situations

ENTRY NUMBER	RAW SCORE	COUNT	MEASURE	MODEL S.E.	INFIT MNSQ	OUTFIT ZSTD	OUTFIT MNSQ	OUTFIT ZSTD	PT-MEASURE CORR.	MEASURE EXP.
4	529	9	18.58	.80	.89	-.11	.80	-.3	.57	.11
8	526	9	17.09	.67	1.19	1.3	1.20	1.3	-.62	.13
6	525	9	16.62	.70	1.03	.2	1.06	.3	-.10	.13
7	525	9	16.62	.70	1.03	.2	1.06	.3	-.10	.13

3. Table 10.3, 13.3, 14.3 etc. Corrected: Incorrect labeling with CFILE= under some conditions

ITEM CATEGORY/OPTION/DISTRATOR FREQUENCIES: ENTRY ORDER

ENTRY NUMBER	DATA CODE	SCORE VALUE	DATA COUNT	AVERAGE MEASURE	S.E. MEAN	OUTFIT MNSQ	PTNEA	ITEM
9	3	3	1	50	499.91	.0	-1.00	10009 3 FarSurpsdd
4	4	4	1	50	803.36	.2	1.00	4

CFILE=*

- 4 FarSurpsdd
- 3 Surpsdd
- 2 Attained
- 1 NotYetAttnd

4. Table 23.0, 24.0 Adjustments to variance computations to allow for exceptional situations

Total raw variance in observations	=	-- Empirical --	Modeled
		49.5	100.0%
Raw variance explained by measures	=	35.5	71.7%
Raw variance explained by persons	=	11.7	23.6%
Raw Variance explained by items	=	23.9	48.2%
Old: Raw unexplained variance (total)	=	14.0	28.3% 100.0%
Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)			
Total raw variance in observations	=	49.2	100.0%
		-- Empirical --	Modeled
Raw variance explained by measures	=	35.2	71.6%
Raw variance explained by persons	=	11.5	23.3%
Raw Variance explained by items	=	23.7	48.2%
New: Raw unexplained variance (total)	=	14.0	28.4% 100.0%

5. Tables 27, 28 Reliability of sub-total mean measures reported

KID COUNT	MEAN MEASURE	S.E. MEAN	OBSERVED S.D.	MEDIAN S.D.	MODEL SEPARATION	MODEL RELIABILITY	CODE
34	-.19	.34	1.97	-.26	1.67	.74	*
18	-.68	.47	1.93	-.26	1.61	.72	F
16	.36	.48	1.88	.33	1.57	.71	M

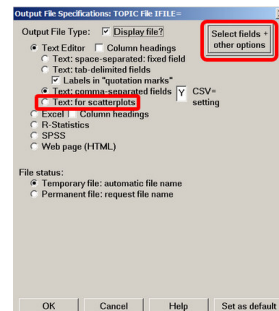
SUBTOTAL RELIABILITY=.15
UMEAN=0 USCALE=1


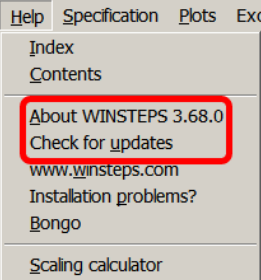
6. Table 27.1, 28.1 Empty tables not displayed

ITEM CODE	MEAN DIFFERENCE	Welch
CODE CODE MEASURE	S.E.	t d.f. Prob.

Output Files:

7. Output files: PFILE= and IFILE= for Scatterplots: formatting simplified



8.	Output files: Corrected: Excel formatting some numerical labels as dates	<table border="1"> <tr> <td>2</td> <td>4-Jan</td> <td>3-Feb</td> <td>1/2/2004</td> <td>1/3/2004</td> </tr> <tr> <td>3</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>4</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>5</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>6</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> </table>	2	4-Jan	3-Feb	1/2/2004	1/3/2004	3	1	1	1	1	4	1	1	1	1	5	1	1	1	1	6	1	1	1	1
2	4-Jan	3-Feb	1/2/2004	1/3/2004																							
3	1	1	1	1																							
4	1	1	1	1																							
5	1	1	1	1																							
6	1	1	1	1																							
Miscellaneous:																											
9.	Control file: Immediate display of output files that are specified in control file	FSHOW=Yes																									
10.	Corrected: missing Help link for Welcome dialog																										
11.	Update the Help menu to simplify checking for updates																										
12.	Microsoft security update actioned.	http://support.microsoft.com/kb/957924/																									