Winsteps 3.65.0 Enhancements and Bug Fixes - April 2008			
	Enhancements to Tables and Plots		
1.	Cosmetic: Table 1 etc MAP - positioned better	KIDS - MAP - ACTS <more> <rare> M Ro + F Fa  </rare></more>	
2.	Tables 3.1, Table 28, Table 29 Include extreme persons in item summary, and extreme items in person summary	SIMPARY OF   32 MEASURED (EXTREME AND NON-EXTREME) PERSONS	
3.	Table 3.1 Log-likelihood chi-square displayed with degrees of freedom and probability.	SUMMARY OF 18 MEASURED (EXTREME AND NON-EXTREME) TAPS    RAW	
4.	Cosmetic: Table 3.2 duplicative word "ITEM" removed	SUMMARY OF CATEGORY STRUCTURE. Model="R" FOR GROUPING "0" ACT NUMBER: 1 WATCH BIRDS  ACT ITEM DIFFICULTY MEASURE OF89 ADDED TO MEASURES +	
5.	Table 6, Table 10 and all measure Tables. Corrected summary statistics for mean and standard deviation when TOTALSCORE=YES.	HEATRY TOTAL   NUMBER SCORE COUNT	
6.	TABLE 14.3 & DISFILE= Additional "VALUE" column for recounted responses. Percentages based on relevant responses (non-missing or all). Correlations: Responses scored 'Missing' are correlated with all responses. Responses scored 0-254 are correlated with responses scores 0-254.	TITH COOR	

7.	Table 23 and Table 24: Improved variance decomposition table: 1. based on raw residuals 2. includes person and item variances	STANDARDIZED RESIDUAL VARIANCE SCREE PLOT Table of STANDARDIZED RESIDUAL Variance (in Eigenvalue units)  Empirical Modeled  Total raw variance in observations = 49.5 100.0% 100.0% Raw variance explained by measures = 35.5 71.7% 71.1% Raw variance explained by persons = 11.7 23.6% 23.4% Raw Variance explained by items = 23.9 48.2% 47.7% Raw unexp ained variance (total) = 14.0 28.3% 100.0% 28.9% Unexplned variance in 1st contrast = 2.7 5.5% 19.5% Unexplned variance in 2nd contrast = 2.4 4.8% 17.0% Unexplned variance in 3rd contrast = 1.8 3.6% 12.6% Unexplned variance in 4th contrast = 1.7 3.4% 12.1% Unexplned variance in 5th contrast = 1.2 2.4% 8.4%
8.	Bug fix: Table 23 and Table 24: PCA - two column format correction	COM-
9.	Tables 27 and 28, summary statistics for extreme+non-extreme and extreme only measures. PSUBTOTAL= ISUBTOTAL=	EXTREME AND NON-EXTREME SCORES    TAP
10.	Table 30, Table 31, Table 33 Bug fix: DIF, DPF, DGF: estimation convergence adjustment to allow for more precise DIF significance estimates (t-values).	Processing: DIF=@GENDER Building list of classification codes Computing DIF sizes: one bar per iteration >==================================
10.	Bug fix: DIF, DPF, DGF: estimation convergence adjustment to allow for more precise DIF significance estimates (t-	Building list of classification codes Computing DIF sizes: one bar per iteration >==================================

		KID DIF plot (DIF=@GENDER)
13. Plots: DI 31, 33.	F, DPF, DGF plot titles revised to match Tables 30,	TAP
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		g 2
		4
<b>14.</b> Table 32	2: ";SDELQU=" so that Table 32 can be pasted	SCFILE =
	into a new control file	;SDELQU= N
<b>I</b>		SDFILE =
		SFILE =
	Output Table Displa	ny improved
	No, Yes, Webpage	Winsteps Initial Settings
	Output Table display	Editor path: (if output tables do not display, change this)
Will Sup	porting webpage fonts and adjustments to	CXProgram FilesMicrosoft Office(EXCELEXE SPSS path: (if SPSS does not launch, change this)  Browse
		C:IWINDOWStsystem3ZINOTEPAD.EXE Browse
		Temporary directory for work files:
		e:\frac{1}{2}  Prompt for output file name? \text{Yes } @ No
		Prompt for Extra Specifications? © Yes © No Show "Welcome" help? C Yes © No
		Display the Report Output File?
		Input: Output: Character that starts a comment: [; [;
		Field separator or delimiter:   ,   ,   ,   ,   ,   ,   ,   ,   ,
		Webpage font =   Lucida Console, Andale Mono, Courier New OK   Cancel   Help
		OK Cancel Help  To reset to defaults, delete file Winsteps.ini and restart Winsteps
16. Ascii = Y	es, with font Courier New	TABLE 3.1 LIKING FOR SCIENCE (Wright & Masters p. ZOU436WS.HTM Mar 24 4:40 2008 INPUT: 75 KIDS 25 ACTS MEASURED: 75 KIDS 25 ACTS 3 CATS WINSTEPS 3.65.0
		SUMMARY OF 74 MEASURED (NON-EXTREME) KIDS
		RAW MODEL INFIT OUTFIT     SCORE COUNT MEASURE ERROR MNSQ ZSTD MNSQ ZSTD
		MEAN 31.4 25.0 .90 .39 .99 -2 1.08 .1       S.D. 8.4 .0 1.22 .10 .50 1.6 1.04 1.9
		MAX. 49.0 25.0 4.82 1.03 3.15 5.4 5.16 6.8     MIN. 12.0 25.0 -1.61 .34 .29 -3.9 .20 -3.0
		REAL RMSE .43 ADJ.SD 1.14 SEPARATION 2.67 KID RELIABILITY .88   MODEL RMSE .40 ADJ.SD 1.15 SEPARATION 2.88 KID RELIABILITY .89   S.E. OF KID MEAN = .14
		MAXIMUM EXTREME SCORE: 1 KIDS
17. Ascii=No	, with font Letter Gothic (installed with Winsteps)	TABLE 3.1 LIKING FOR SCIENCE (Wright & Masters p. ZOU436WS.HTM Mar 24 4:40 200 INPUT: 75 KIDS 25 ACTS MEASURED: 75 KIDS 25 ACTS 3 CATS WINSTEPS 3.65.
		SUMMARY OF 74 MEASURED (NON-EXTREME) KIDS
		RAW MODEL INFIT OUTFIT SCORE COUNT MEASURE ERROR MNSQ ZSTD MNSQ ZSTD
		MEAN 31.4 25.0 .90 .39 .992 1.08 .1 S.D. 8.4 .0 1.22 .10 .50 1.6 1.04 1.9
		MAX. 49.0 25.0 4.82 1.03 3.15 5.4 5.16 6.8 MIN. 12.0 25.0 -1.61 .34 .29 -3.9 .20 -3.0
		REAL RMSE .43 ADJ.SD 1.14 SEPARATION 2.67 KID RELIABILITY .88 MODEL RMSE .40 ADJ.SD 1.15 SEPARATION 2.88 KID RELIABILITY .89 S.E. OF KID MEAN = .14
18. Ascii=We	ebpage, with font Lucida Console	SUMMARY OF 74 MEASURED (NON-EXTREME) KIDS
(Andale I	Mono is installed with Winsteps)	RAW MODEL INFIT OUTFIT SCORE COUNT MEASURE ERROR MNSQ ZSTD MNSQ ZSTD
HTML file	e displayed with your Internet Browser	MEAN 31.4 25.0 .90 .39 .99 -2 1.08 .1   S.D. 8.4 .0 1.22 .10 .50 1.6 1.04 1.9   MAX. 49.0 25.0 4.82 1.03 3.15 5.4 5.16 6.8
		MIN. 12.0 25.0 -1.61 .34 .29 -3.9 .20 -3.0
		REAL RMSE .43 ADJ.SD 1.14 SEPARATION 2.67 KID RELIABILITY .88 MODEL RMSE .40 ADJ.SD 1.15 SEPARATION 2.88 KID RELIABILITY .89



