Appendix 12B: PIRLS Literacy 2016 Item Parameters from Item Calibration

Item Parameters from PIRLS Literacy 2016 Item Calibration

Item	Slope (a_j)	Location (b_j)	Guessing (c_j)	Step 1 (d_{j1})	Step 2 (d_{j2})	Step 3 (d

Item	Slope (a_j)	Location (b_j)	Guessing (c_j)	Step 1 (d_{j1})	Step 2 (d_{j2})	Step 3 (d_{j3})
L21E01C *	0.796 (0.047)	-3.130 (0.125)				
L21E02C *	0.771 (0.038)	-2.116 (0.083)				
L21E03M *	1.343 (0.084)	-0.521 (0.059)	0.270 (0.029)			
L21E04M *	1.106 (0.074)	-0.378 (0.070)	0.262 (0.031)			
L21E05M *	1.118 (0.076)	-1.568 (0.110)	0.242 (0.052)			
L21E06M *	0.936 (0.081)	-2.465 (0.221)	0.304 (0.097)			
L21E07C *	0.463 (0.018)	-0.810 (0.042)		-0.018 (0.071)	0.018 (0.055)	
L21E08M *	1.023 (0.064)	-0.749 (0.081)	0.201 (0.036)			
L21E09M *	0.620 (0.085)	0.464 (0.145)	0.340 (0.041)			
L21E10C *	0.859 (0.047)	-2.716 (0.101)				
L21E11M *	1.205 (0.074)	-0.817 (0.071)	0.226 (0.035)			
L21E12C *	1.116 (0.057)	-2.136 (0.066)				
L21E13C *	0.528 (0.027)	-0.275 (0.046)				
L21E14C *	0.493 (0.020)	0.186 (0.032)		0.852 (0.053)	-0.852 (0.053)	
L21E15C *	0.795 (0.040)	-2.219 (0.087)				
L21E16C *	0.706 (0.032)	-0.959 (0.051)				
L21E17M *	1.047 (0.065)	-0.467 (0.069)	0.171 (0.032)			
R21K01C *	0.422 (0.013)	-0.891 (0.033)		0.186 (0.052)	-0.186 (0.039)	
R21K02C *	0.807 (0.023)	-0.559 (0.025)				
R21K03M *	1.004 (0.047)	0.081 (0.039)	0.184 (0.018)			
R21K04M *	1.062 (0.096)	0.979 (0.045)	0.391 (0.014)			
R21K05C *	0.969 (0.026)	0.137 (0.017)				
R21K06M *	1.489 (0.067)	0.052 (0.029)	0.281 (0.015)			
R21K07C *	0.682 (0.016)	0.143 (0.015)		0.119 (0.027)	-0.119 (0.027)	
R21K08M *	0.994 (0.052)	0.354				