Table S1.

Demographic and Clinical Variables Available across Contributing Datasets

	Dataset 1	Dataset 2	Dataset 3	Dataset 4	Dataset 5	Dataset 6	Dataset 7	Dataset 8	Dataset 9	Dataset 10
IP age	X	X		X	X	X	X	X	X	X
IP gender	X			X	X	X	X	X	X	X
IP race	X	X	X	X	X	X	X	X	X	X
IP ethnicity	X	X	X	X	X	X	X	X	X	X
IP education	X		X		X	X	X	X	X	X
IP PTSD diagnostic status	X				X				X	X
IP PTSD symptom severity	X	X	X	X	X	X	X	X	X	X
IP veteran/military status	X	X	X	X	X	X	X		X	X
FM age	X	X	X			X		X	X	X
FM gender	X		X	X		X	X	X	X	X
FM race	X	X	X			X		X	X	X
FM ethnicity	X	X	X			X		X	X	X
FM education	X		X			X		X	X	X
FM PTSD diagnostic status	X			X	X					
FM PTSD symptom severity									X	
FM veteran/military status		X	X						X	
FM relationship to IP	X	X	X	X	X	X		X	X	X
FM SORTS	X	X	X	X	X	X	X	X	X	X

Note. IP = identified patient; FM = family member; PTSD = posttraumatic stress disorder; SORTS = Significant Others' Responses to Trauma Scale.

Table S2.

Fit Statistics Across EFA Models

	χ^2	df	*p*	CFI	TLI	RMSEA 90% CI	RMSR
Summed model, 1 factor	468.18	77	<.001	0.830	0.799	0.125 – 0.149	0.072
Summed model, 2 factors	194.76	64	<.001	0.943	0.919	0.073 – 0.101	0.037
Frequency model, 1 factor	440.58	77	<.001	0.930	0.918	0.120 – 0.144	0.094
Frequency model, 2 factors	133.81	64	<.001	0.987	0.981	0.048 – 0.078	0.042
Distress model, 1 factor	375.96	77	<.001	0.942	0.931	0.108 – 0.132	0.089
Distress model, 2 factors	107.73	64	<.001	0.991	0.988	0.033 – 0.066	0.041

Note. Summed model uses a sum of the frequency and distress items for a given type of accommodation (14 indicators with a possible score of 0-8). Frequency model only includes scores on the frequency items (14 indicators with a possible score of 0-4). Distress model only includes scores on the distress items (14 indicators with a possible score of 0-4). EFA = exploratory factor analysis; CFI = Bentler comparative fit index; TLI = Tucker-Lewis index; RMSEA 90% CI = 90% confidence interval of the root mean square error of approximation; RMSR = standardized root mean square residual.

Table S3.

Factor Loadings for Two-Factor EFA Models Using Summed Frequency/Distress Items, Only Frequency Items, and Only Distress Items

	Summed model		Frequency model		Distress model	
	Factor 1	Factor 2	Factor 1	Factor 2	Factor 1	Factor 2
1. Avoid [Name] because of his/her irritable or angry mood?	**0.823**	0.014	**0.808**	0.114	**0.781**	0.058
2. Avoid being physically close with [Name] because of his/her discomfort?	0.285*	**0.345**	**0.411**	0.308*	**0.396**	0.313*
3. Cancel or rearrange plans or social activities because [Name] did not want to do them?	0.106	**0.685**	0.000	**0.835**	0.088	**0.787**
4. Avoid doing things, going places, or seeing people with [Name] that make him/her anxious or uncomfortable?	-0.042	**0.803**	-0.160	**0.963**	-0.048	**0.879**
5. “Bite your tongue” or hold back from trying to discuss any relationship issues with [Name]?	**0.899**	-0.051	**0.941**	-0.051	**0.927**	-0.049
6. Take over a task or chore for [Name] that he/she is uncomfortable doing because of his/her traumatic event?	0.047	**0.457**	-0.063	**0.748**	0.021	**0.633**
7. Help [Name] with a task because he/she was having trouble concentrating?	0.136	**0.505**	0.014	**0.662**	0.137	**0.590**
8. Make excuses to others for [Name]’s behavior or try to manage his/her relationships with other people?	**0.665**	0.175*	**0.517**	0.348*	**0.691**	0.213*
9. “Tiptoe” around [Name] so as not to anger him/her?	**0.908**	-0.008	**0.901**	0.038	**0.948**	-0.002
10. Avoid discussing events related to [Name]’s traumatic event(s) in front of him/her to avoid his/her becoming upset?	0.321*	**0.374**	0.232*	**0.504**	**0.484**	0.322*
11. Not share your own feelings or concerns with [Name] due to concerns that he/she would become upset?	**0.788**	0.033	**0.896**	-0.020	**0.794**	0.065
12. Change your routine due to [Name]’s difficulties?	-0.001	**0.806**	0.052	**0.812**	0.006	**0.883**
13. How much have you modified your leisure activities due to [Name]’s difficulties?	-0.001	**0.813**	0.061	**0.793**	-0.013	**0.894**

14. Give up control to [Name] because of his/her desire to be in charge?	**0.642**	-0.001	**0.581**	0.033	**0.740**	-0.023

Note. Summed model uses a sum of the frequency and distress items for a given type of accommodation (14 indicators with a possible score of 0-8). Frequency model only includes scores on the frequency items (14 indicators with a possible score of 0-4). Distress model only includes scores on the distress items (14 indicators with a possible score of 0-4). Factor 1 represents "anger-related accommodation"; Factor 2 represents "anxiety-related accommodation." Bold text indicates primary loading, * = significant cross-loading. SORTS = Significant Others' Responses to Trauma Scale.

Table S4.

Correlations Between Latent Factors Across the Two-Factor EFA Models

	r
Summed model	.698
Frequency model	.680
Distress model	.689

Note. Summed model uses a sum of the frequency and distress items for a given type of accommodation (14 indicators with a possible score of 0-8). Frequency model only includes scores on the frequency items (14 indicators with a possible score of 0-4). Distress model only includes scores on the distress items (14 indicators with a possible score of 0-4).

Table S5.

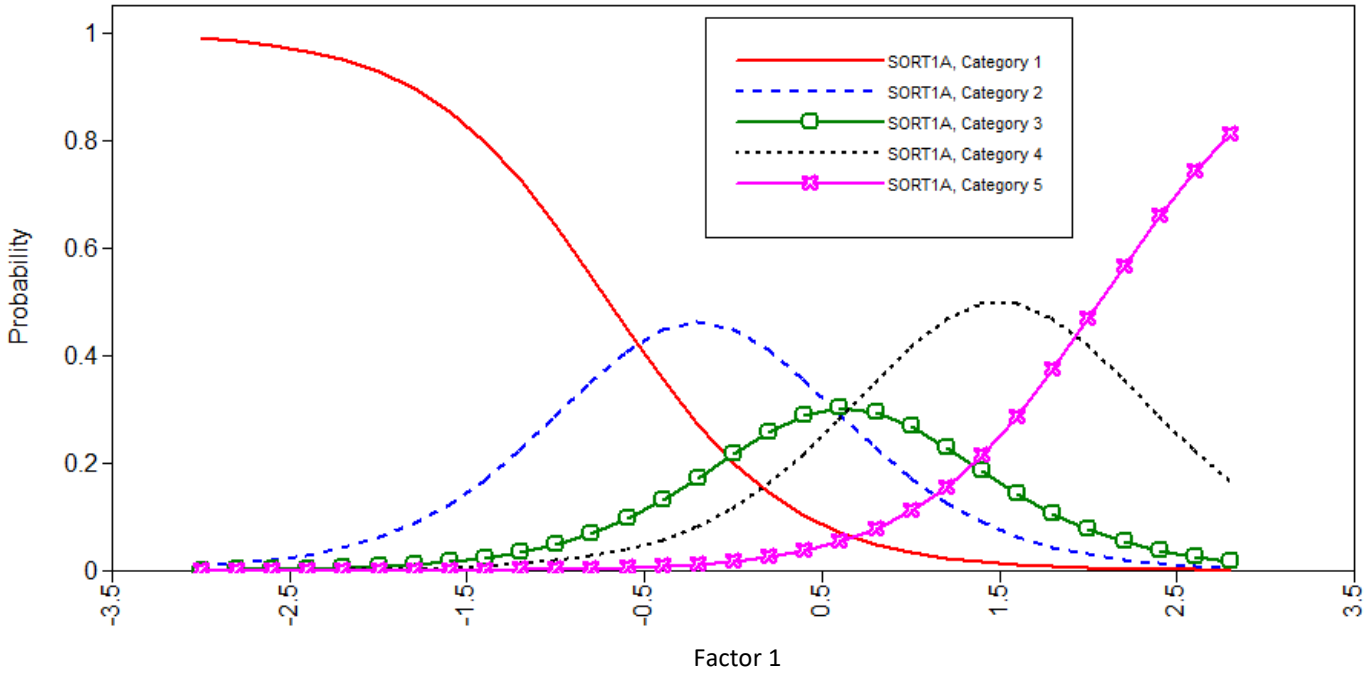
Parameter Estimates (and Standard Errors) of Item Discrimination and Difficulty by SORTS Item and Severity Score

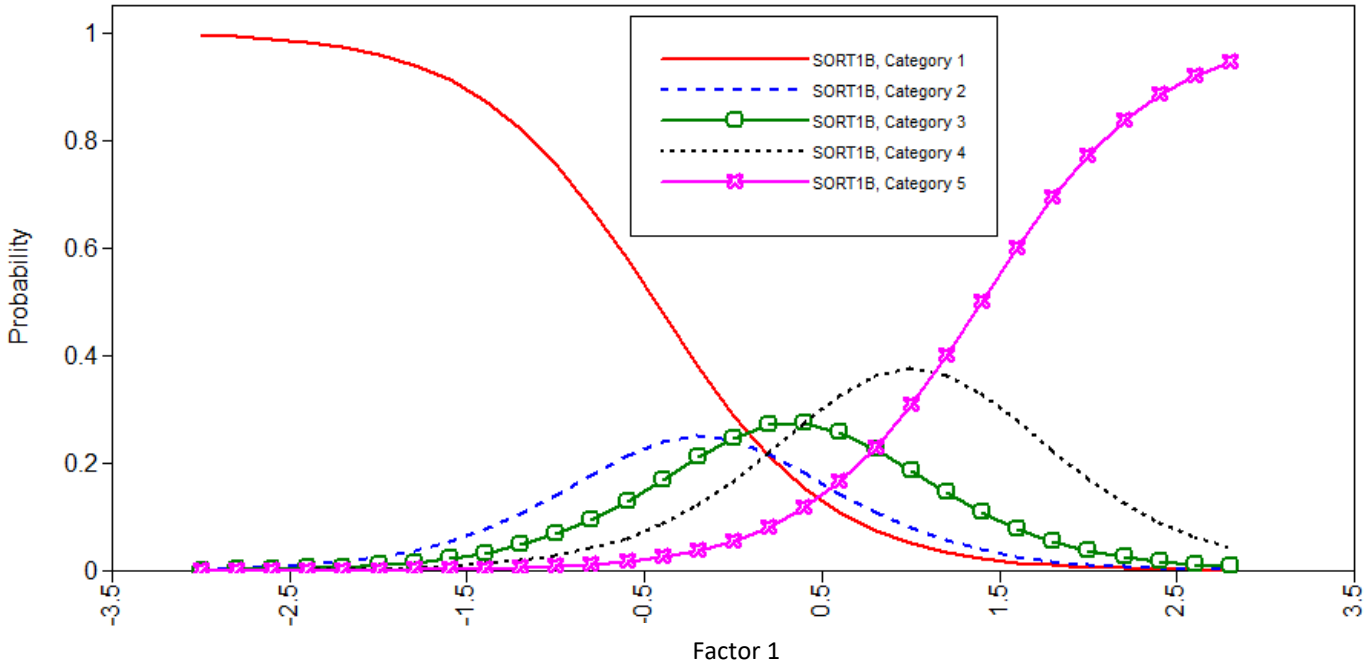
Item	*a*	b_1	b_2	b_3	b_4
1A – Avoid [Name] because of his/her irritable or angry mood? (Freq)	1.964 (0.190)	-1.382 (0.176)	0.616 (0.155)	1.862 (0.190)	4.056 (0.314)
1B – Avoid [Name] because of his/her irritable or angry mood? (Dis)	2.026 (0.195)	-0.898 (0.163)	0.126 (0.156)	1.254 (0.175)	2.833 (0.232)
2A – Avoid being physically close with [Name] because of his/her discomfort? (Freq)	1.307 (0.133)	0.225 (0.126)	1.466 (0.154)	2.177 (0.178)	3.274 (0.245)
2B – Avoid being physically close with [Name] because of his/her discomfort? (Dis)	1.642 (0.169)	0.365 (0.143)	1.056 (0.154)	1.720 (0.171)	2.851 (0.218)
3A – Cancel or rearrange plans or social activities because [Name] did not want to do them? (Freq)	1.652 (0.179)	-0.280 (0.139)	2.315 (0.200)	3.644 (0.251)	5.568 (0.465)
3B – Cancel or rearrange plans or social activities because [Name] did not want to do them? (Dis)	2.045 (0.213)	0.213 (0.159)	1.408 (0.179)	2.521 (0.224)	3.969 (0.311)
4A – Avoid doing things, going places, or seeing people with [Name] that make him/her anxious or uncomfortable? (Freq)	1.871 (0.200)	-0.347 (0.149)	2.015 (0.191)	2.927 (0.241)	4.300 (0.325)
4B – Avoid doing things, going places, or seeing people with [Name] that make him/her anxious or uncomfortable? (Dis)	2.470 (0.276)	0.460 (0.183)	1.708 (0.213)	3.041 (0.281)	4.456 (0.394)
5A – “Bite your tongue” or hold back from trying to discuss any relationship issues with [Name]? (Freq)	2.773 (0.289	-1.866 (0.235)	0.414 (0.193)	1.992 (0.245)	3.930 (0.365)
5B – “Bite your tongue” or hold back from trying to discuss any relationship issues with [Name]? (Dis)	3.180 (0.314)	-1.550 (0.240)	-0.084 (0.207)	1.627 (0.247)	3.612 (0.336)
6A – Take over a task or chore for [Name] that he/she is uncomfortable doing because of his/her traumatic event? (Freq)	1.726 (0.189)	0.580 (0.147)	1.841 (0.179)	2.663 (0.210)	3.702 (0.262)
6B – Take over a task or chore for [Name] that he/she is uncomfortable doing because of his/her traumatic event? (Dis)	2.105 (0.260)	1.574 (0.200)	2.606 (0.228)	3.773 (0.293)	4.886 (0.415)
7A – Help [Name] with a task because he/she was having trouble concentrating? (Freq)	1.734 (0.178)	-0.986 (0.154)	0.720 (0.148)	1.808 (0.174)	3.335 (0.251)

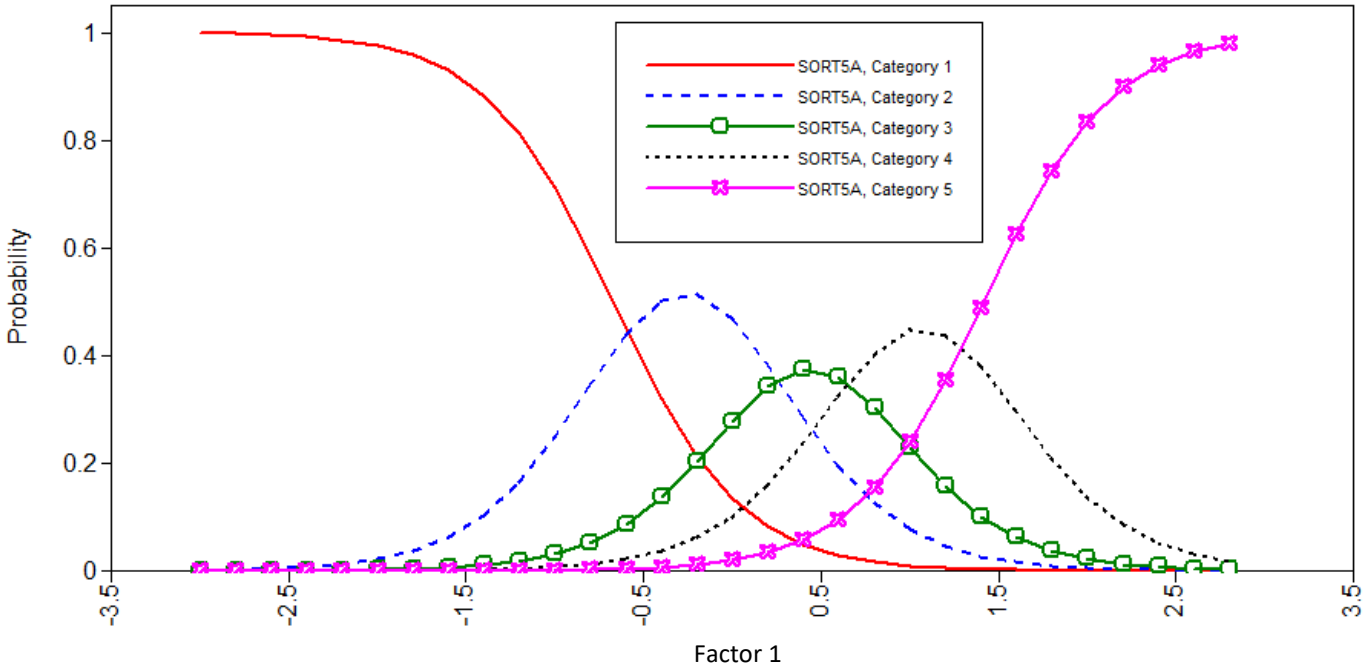
7B – Help [Name] with a task because he/she was having trouble concentrating? (Dis)	1.844 (0.227)	1.105 (0.170)	2.560 (0.219)	3.523 (0.261)	4.741 (0.342)
8A – Make excuses to others for [Name]'s behavior or try to manage his/her relationships with other people? (Freq)	1.898 (0.186)	-0.510 (0.153)	1.721 (0.180)	2.949 (0.227)	3.787 (0.270)
8B – Make excuses to others for [Name]'s behavior or try to manage his/her relationships with other people? (Dis)	2.378 (0.230)	-0.053 (0.173)	1.205 (0.186)	2.618 (0.230)	4.391 (0.334)
9A – "Tiptoe" around [Name] so as not to anger him/her? (Freq)	3.376 (0.393)	-1.223 (0.251)	1.153 (0.240)	2.751 (0.325)	4.480 (0.456)
9B – "Tiptoe" around [Name] so as not to anger him/her? (Dis)	3.622 (0.427)	-0.946 (0.252)	0.677 (0.235)	2.023 (0.298)	4.261 (0.458)
10A – Avoid discussing events related to [Name]'s traumatic event(s) in front of him/her to avoid his/her becoming upset? (Freq)	1.483 (0.159)	0.092 (0.132)	1.560 (0.159)	2.272 (0.189)	3.130 (0.235)
10B – Avoid discussing events related to [Name]'s traumatic event(s) in front of him/her to avoid his/her becoming upset? (Dis)	1.504 (0.186)	1.151 (0.156)	2.129 (0.181)	3.063 (0.229)	4.333 (0.316)
11A – Not share your own feelings or concerns with [Name] due to concerns that he/she would become upset? (Freq)	2.938 (0.288)	-1.756 (0.233)	0.825 (0.209)	2.507 (0.274)	4.321 (0.378)
11B – Not share your own feelings or concerns with [Name] due to concerns that he/she would become upset? (Dis)	3.234 (0.329)	-1.109 (0.225)	0.377 (0.218)	1.950 (0.257)	4.175 (0.387)
12A – Change your routine due to [Name]'s difficulties? (Freq)	3.210 (0.381)	-0.665 (0.218)	2.092 (0.269)	3.595 (0.385)	5.660 (0.557)
12B – Change your routine due to [Name]'s difficulties? (Dis)	3.072 (0.347)	0.356 (0.212)	2.259 (0.277)	3.736 (0.370)	5.378 (0.498)
13A – How much have you modified your leisure activities due to [Name]'s difficulties? (Freq)	2.783 (0.272)	-1.121 (0.202)	1.346 (0.207)	3.217 (0.290)	5.854 (0.495)
13B – How much have you modified your leisure activities due to [Name]'s difficulties? (Dis)	3.510 (0.384)	-0.222 (0.231)	2.176 (0.289)	3.773 (0.377)	5.508 (0.517)
14A – Give up control to [Name] because of his/her desire to be in charge? (Freq)	1.402 (0.157)	-0.018 (0.140)	1.364 (0.159)	2.272 (0.192)	3.193 (0.241)
14B – Give up control to [Name] because of his/her desire to be in charge? (Dis)	1.746 (0.200)	0.542 (0.157)	1.876 (0.191)	2.729 (0.230)	3.976 (0.301)

Note. a = item discrimination; b_1 = item difficulty for the 1 – "1 or 2 times per month" or "somewhat" score; b_2 = item difficulty for the 2 - "1 or 2 times per week" or "moderately" score; b_3 = item difficulty for the 3 - "several times per week" or "significantly" score; b_4 = item difficulty for the 4 - "daily or almost every day" or "extremely" score; Freq = frequency; Dis = distress.

Supplementary figures



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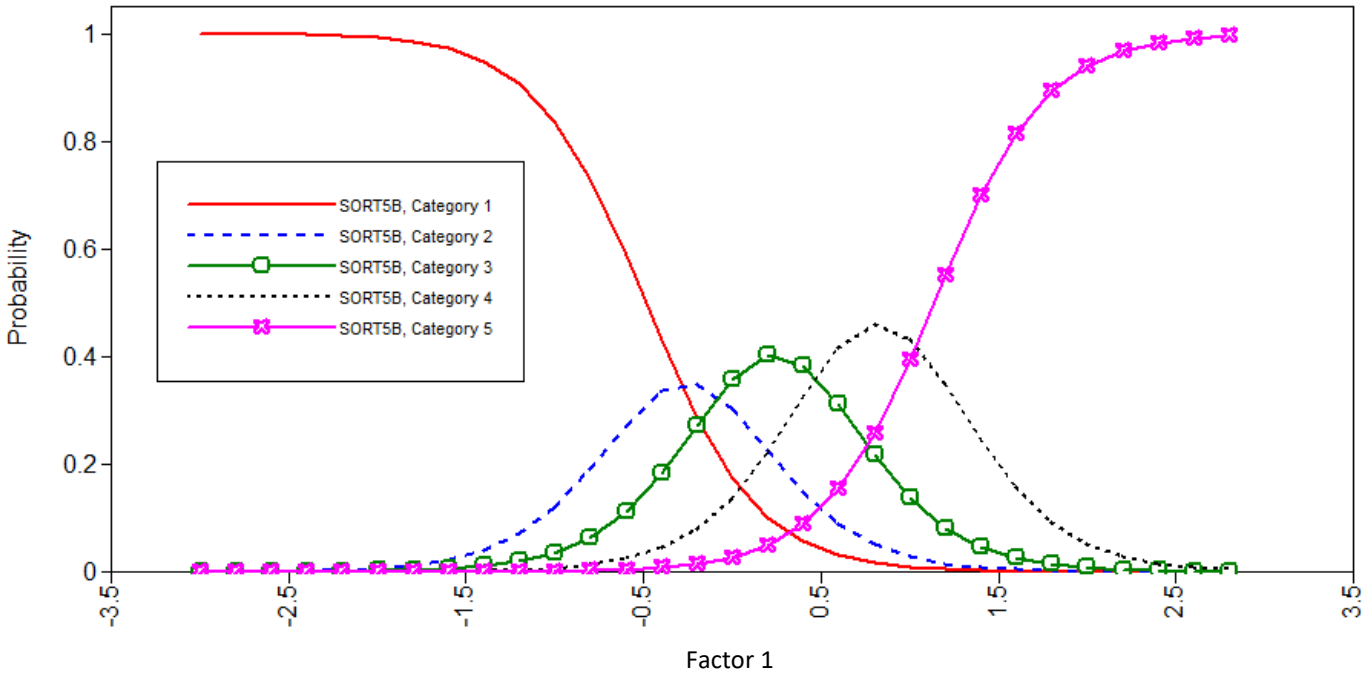
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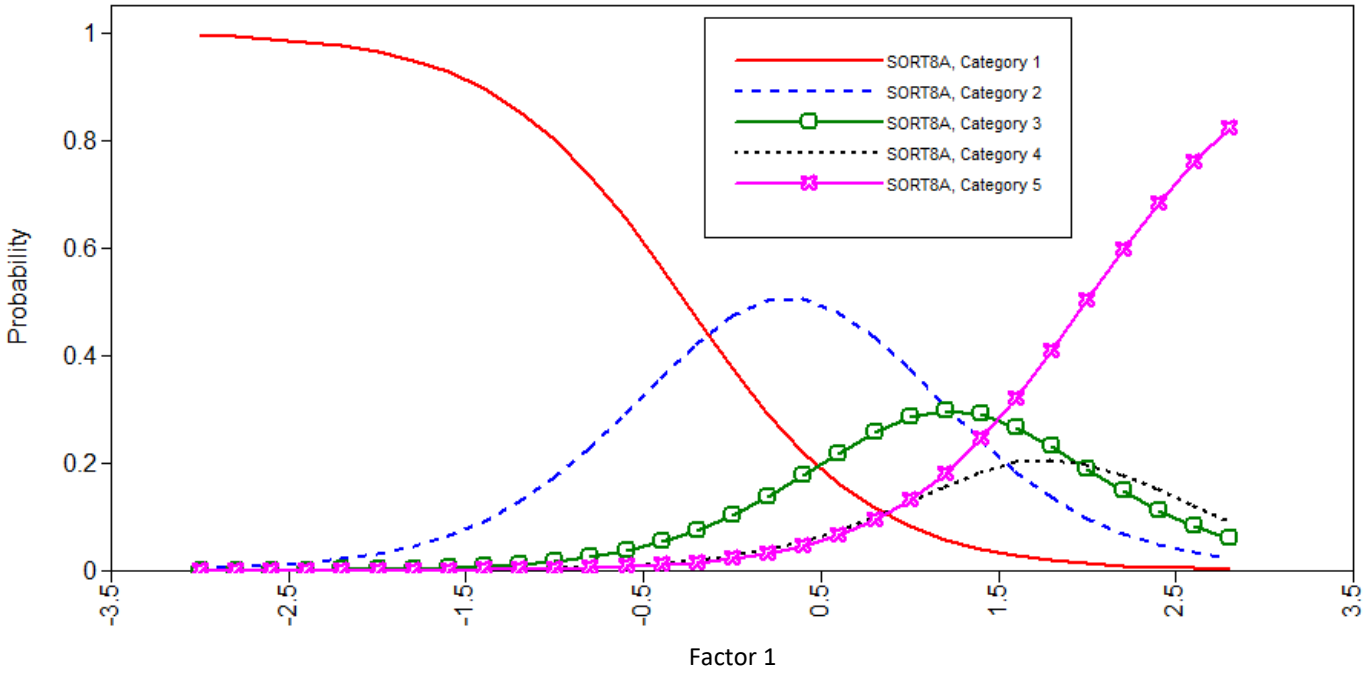
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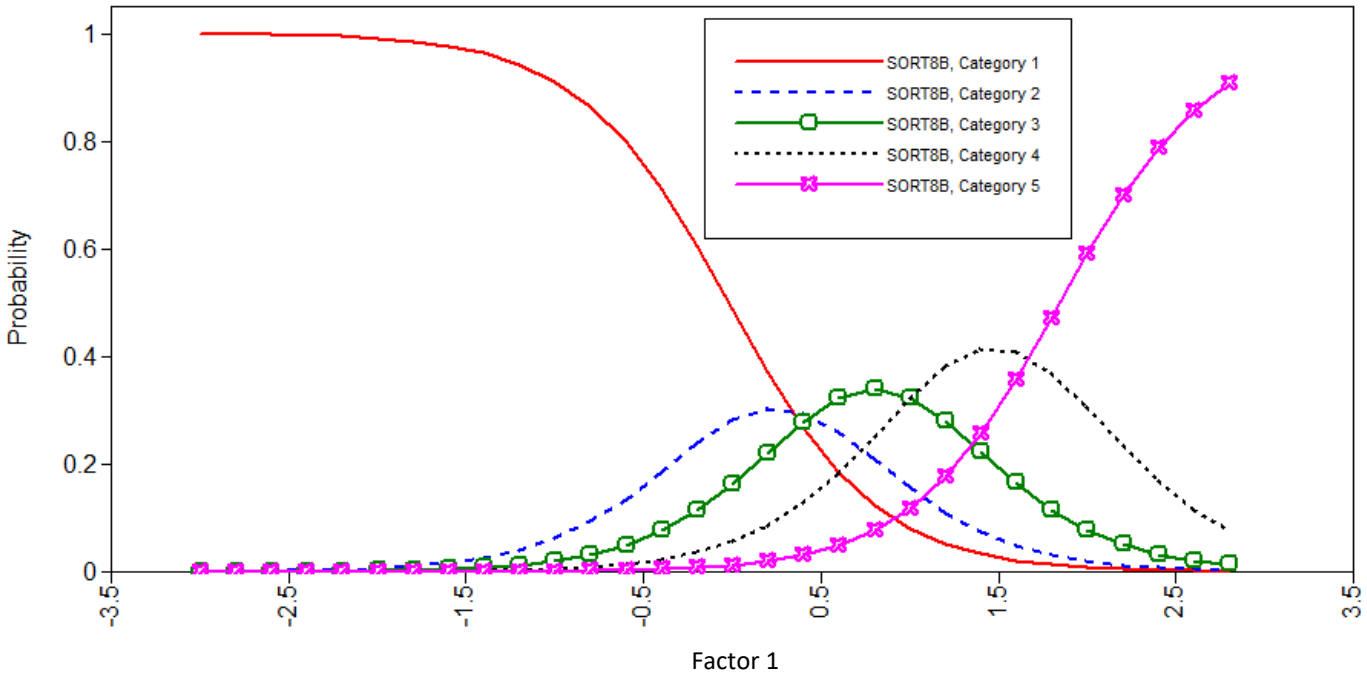
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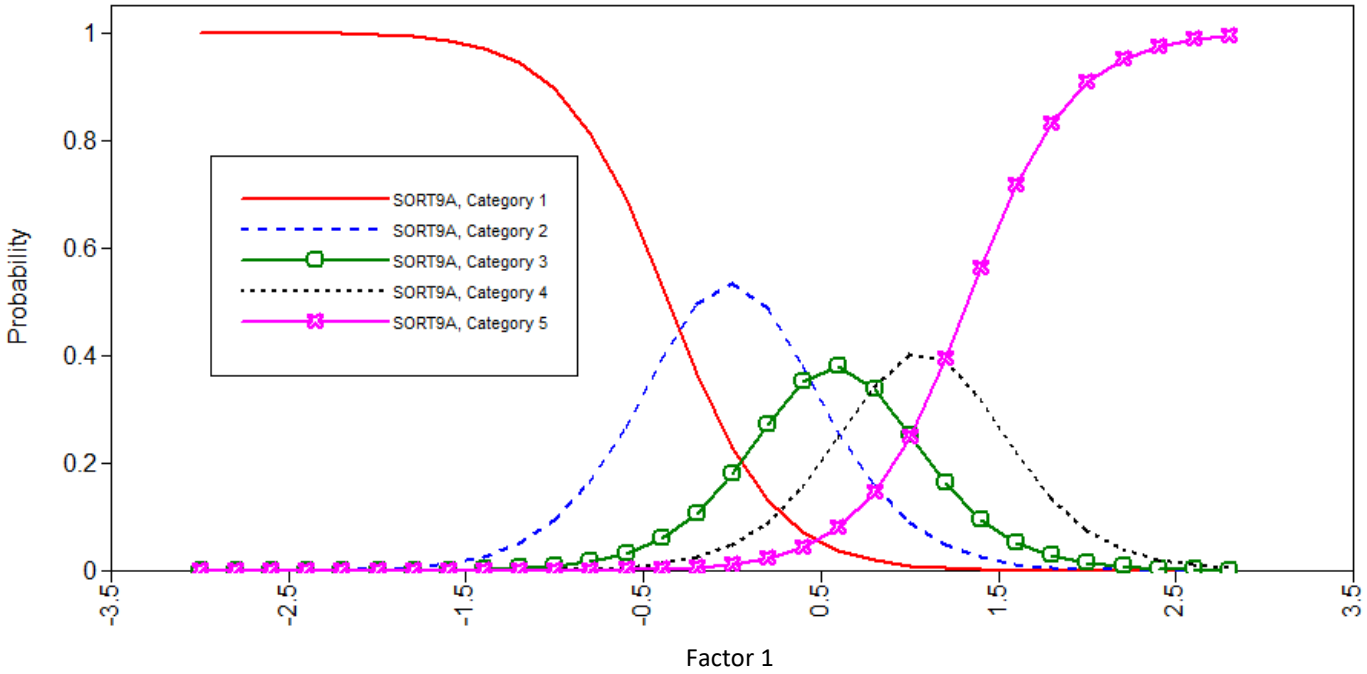
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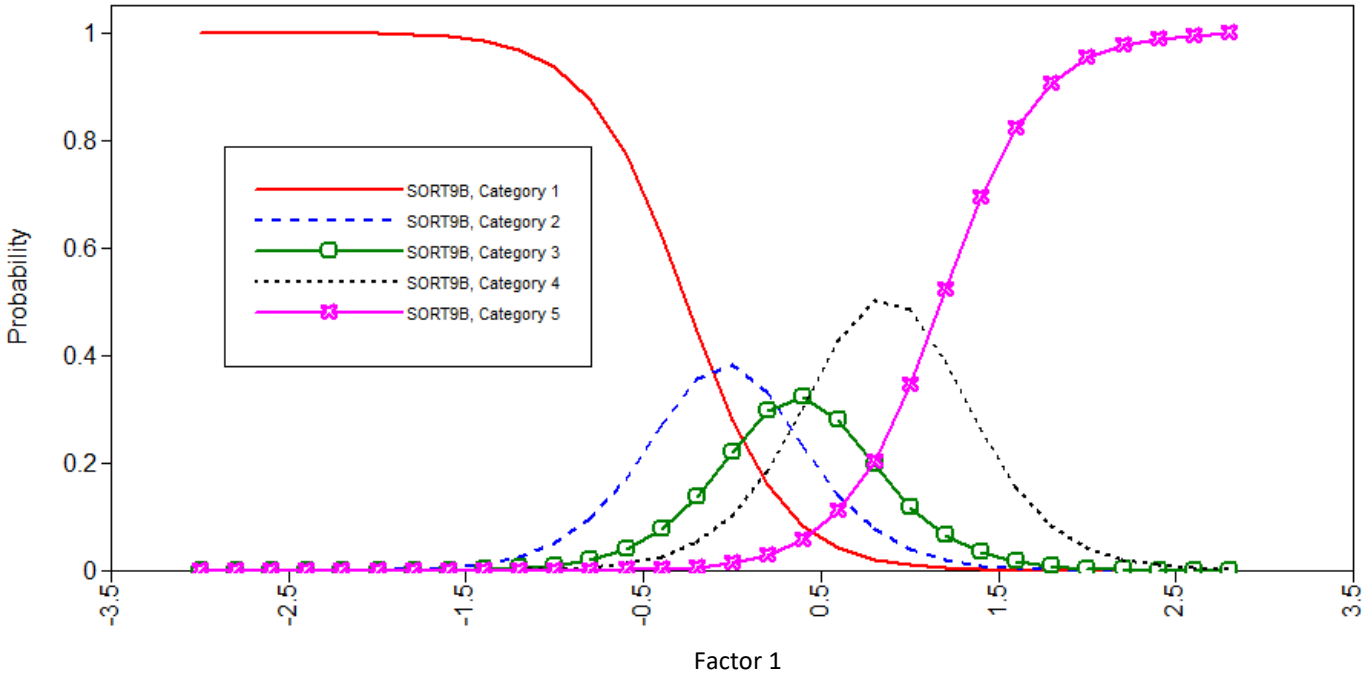
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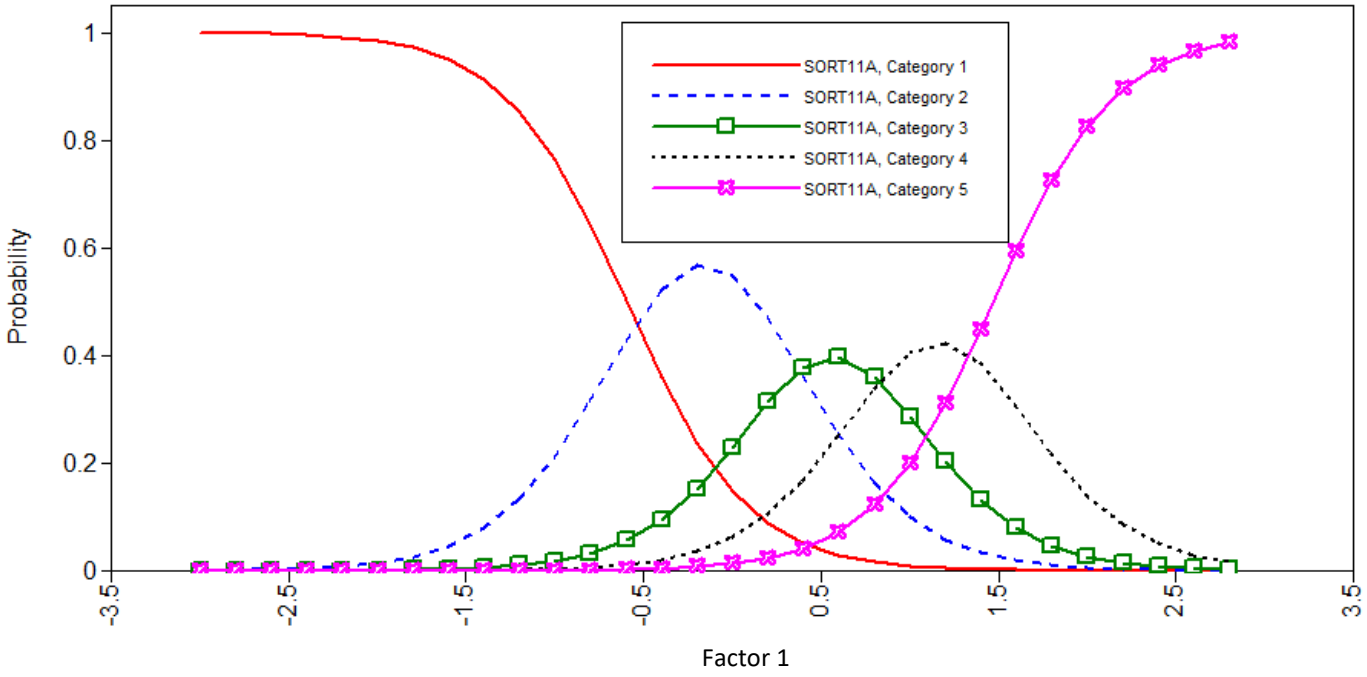
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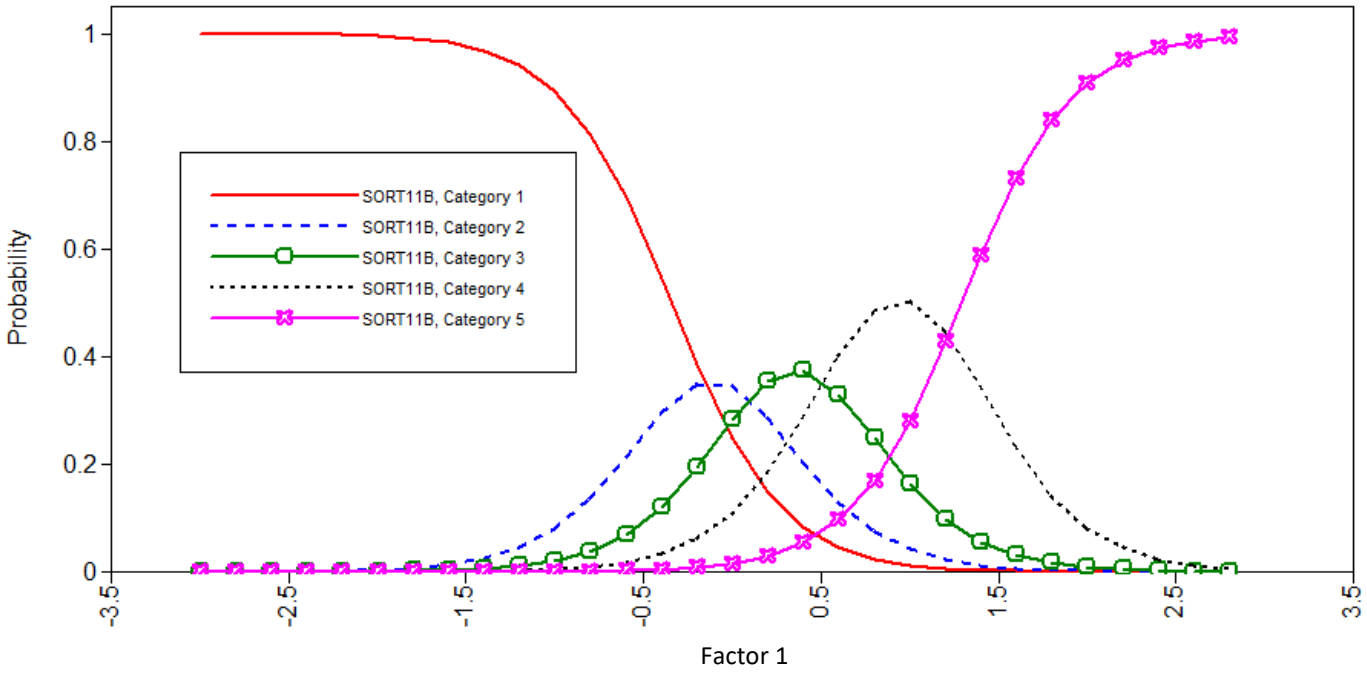
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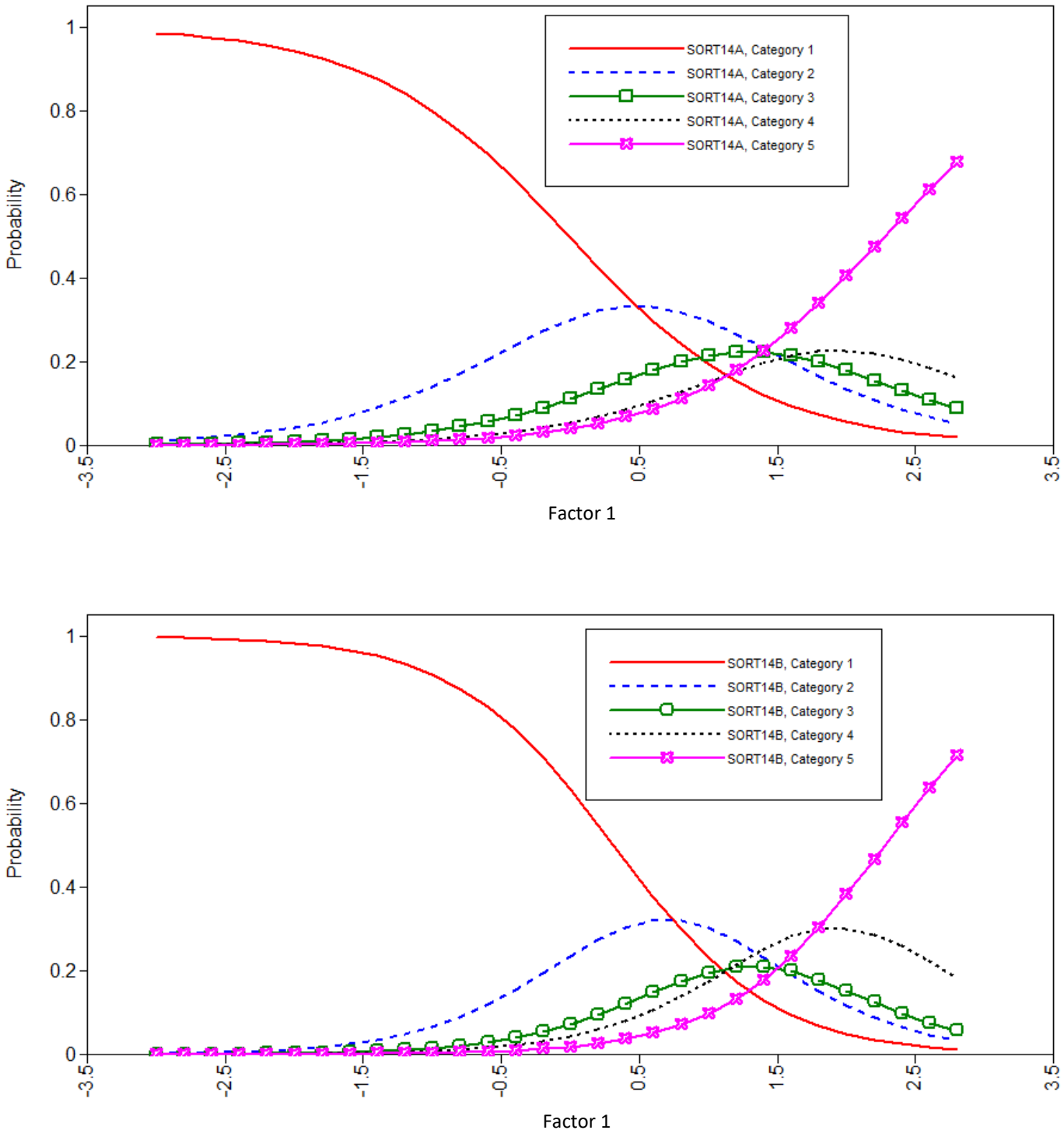
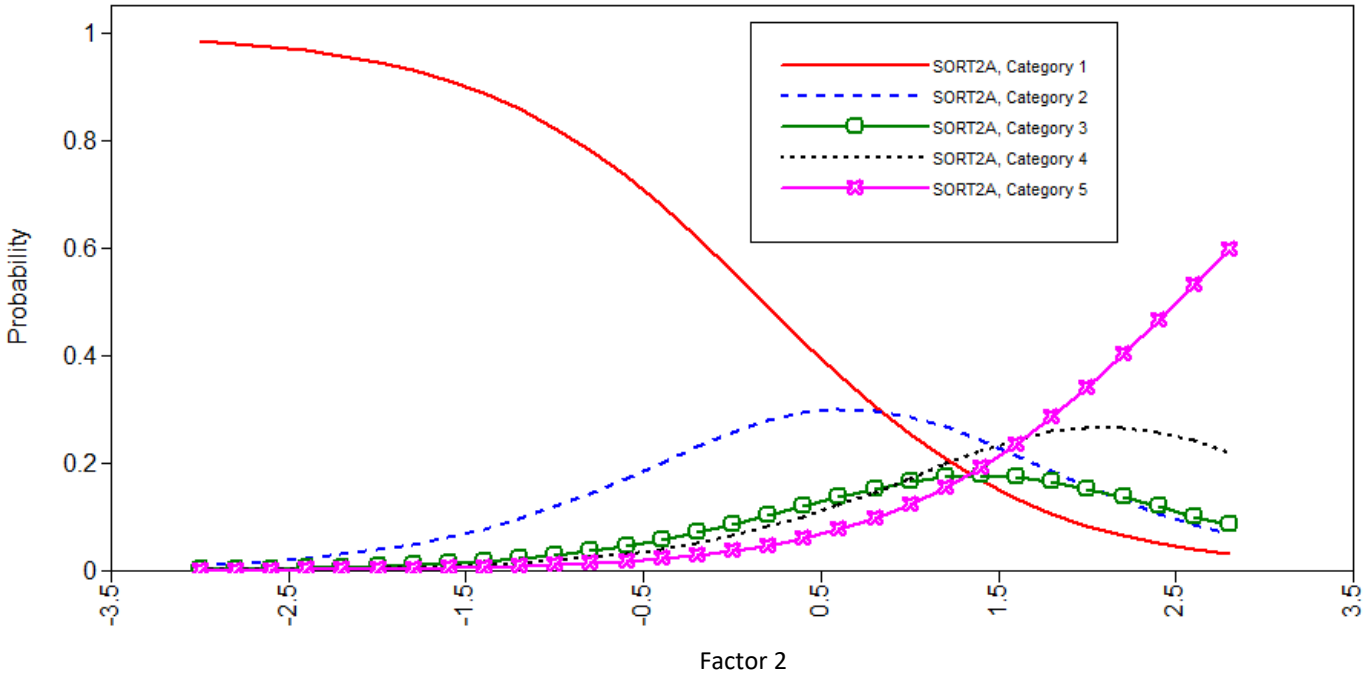


Figure S1. Item characteristic curves (ICCs) for individual items from the Significant Others' Responses to Trauma Scale (SORTS) loading onto Factor 1 (anger-related accommodation).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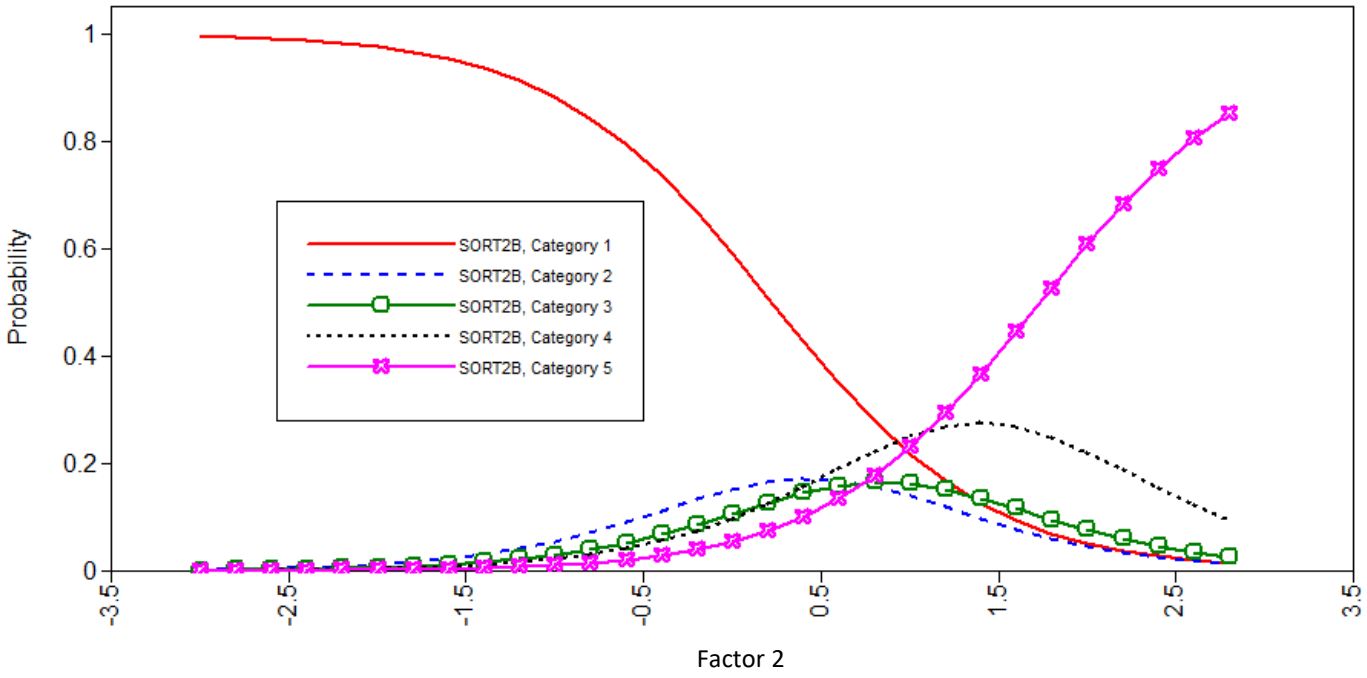
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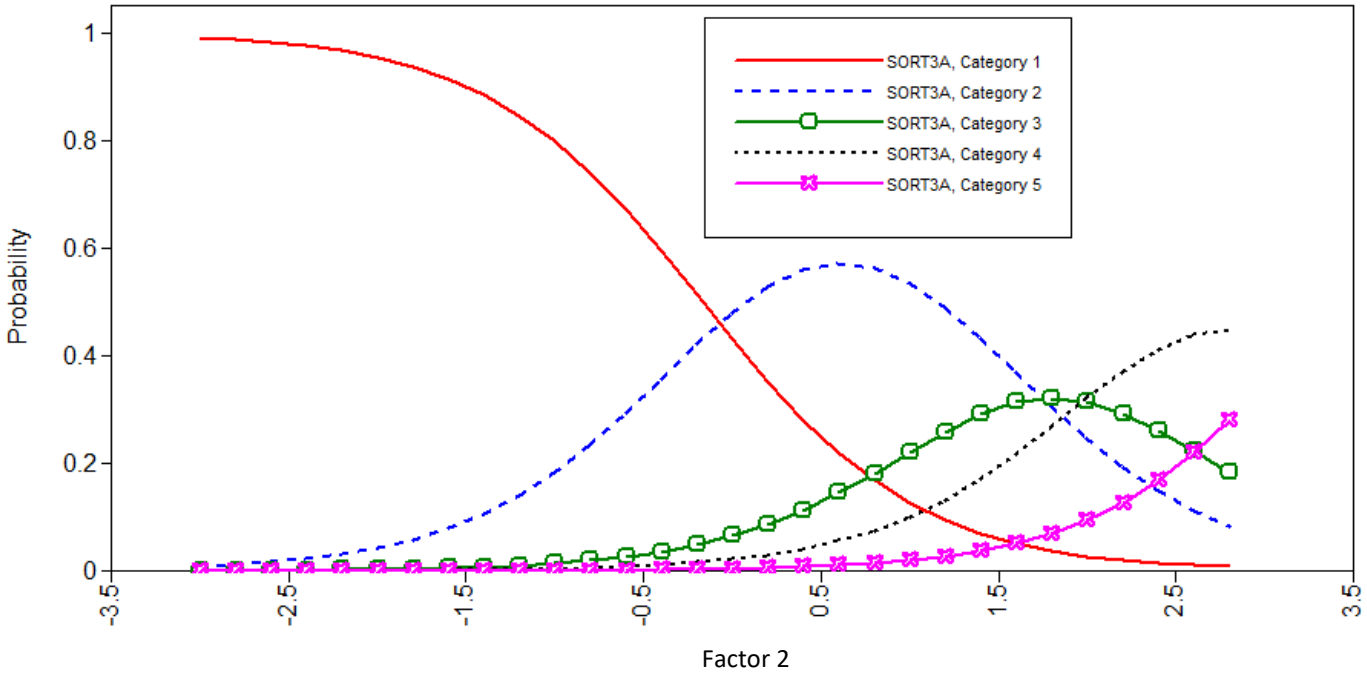
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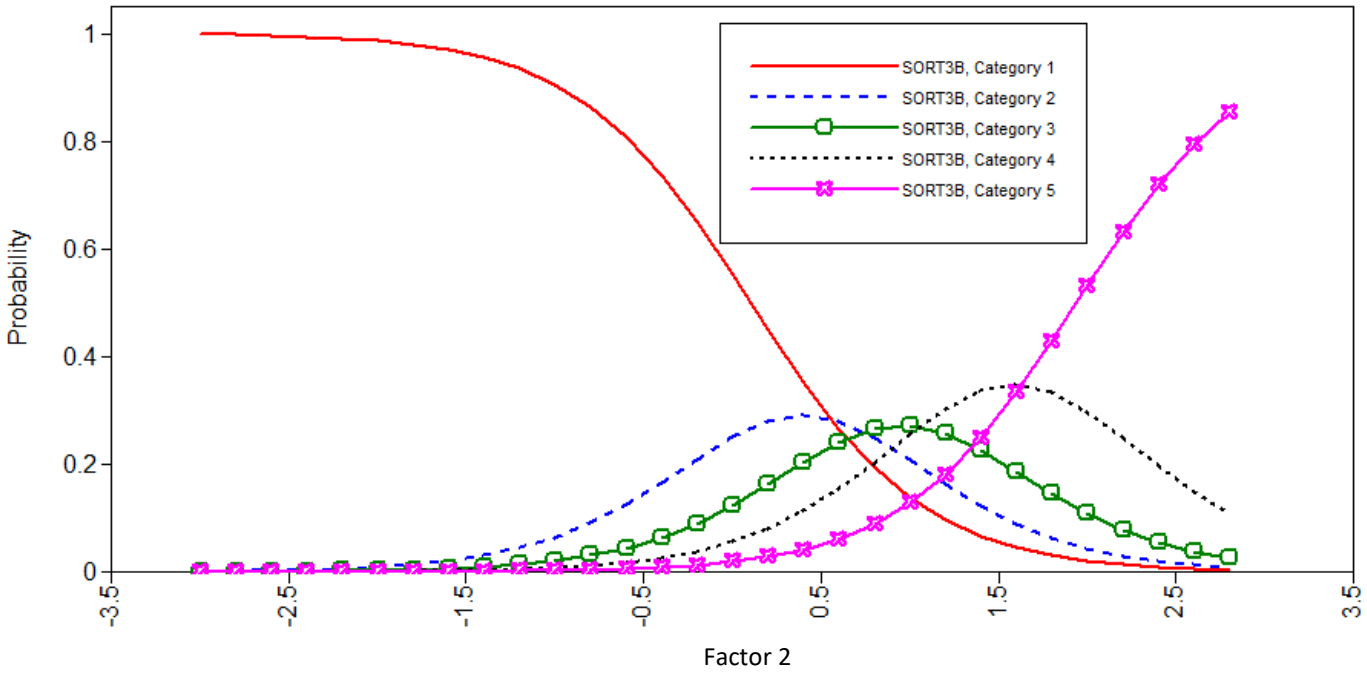
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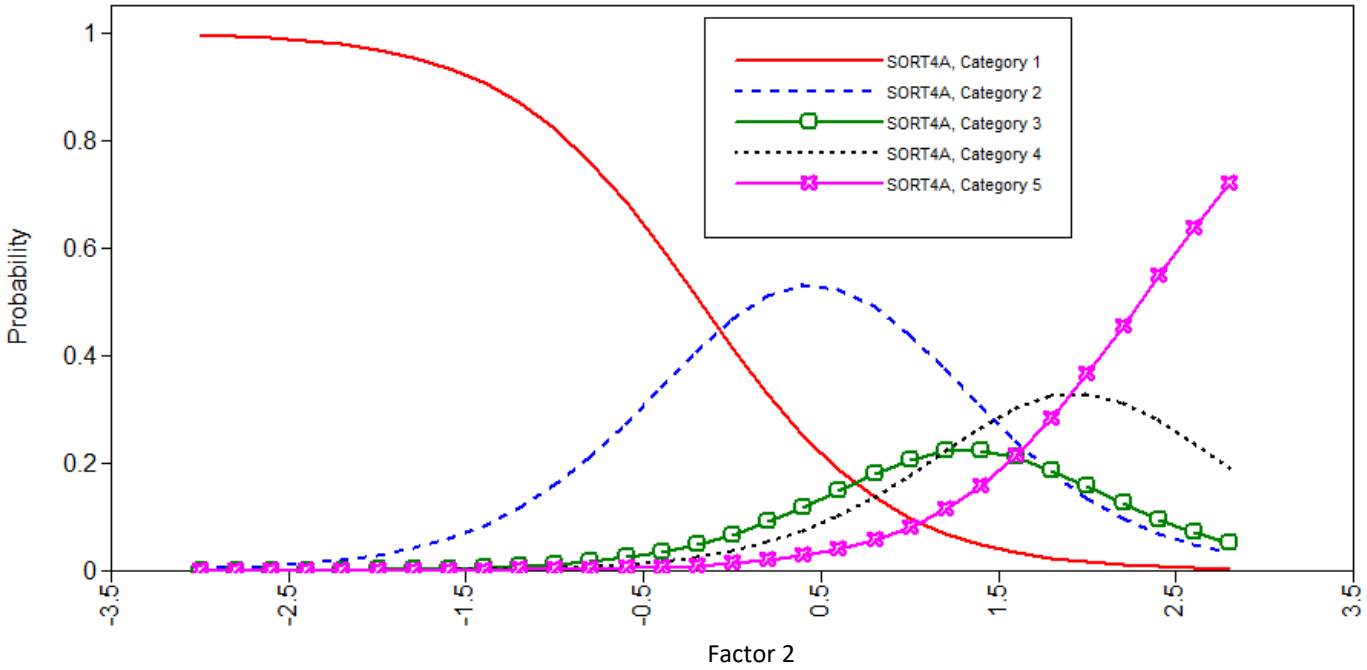
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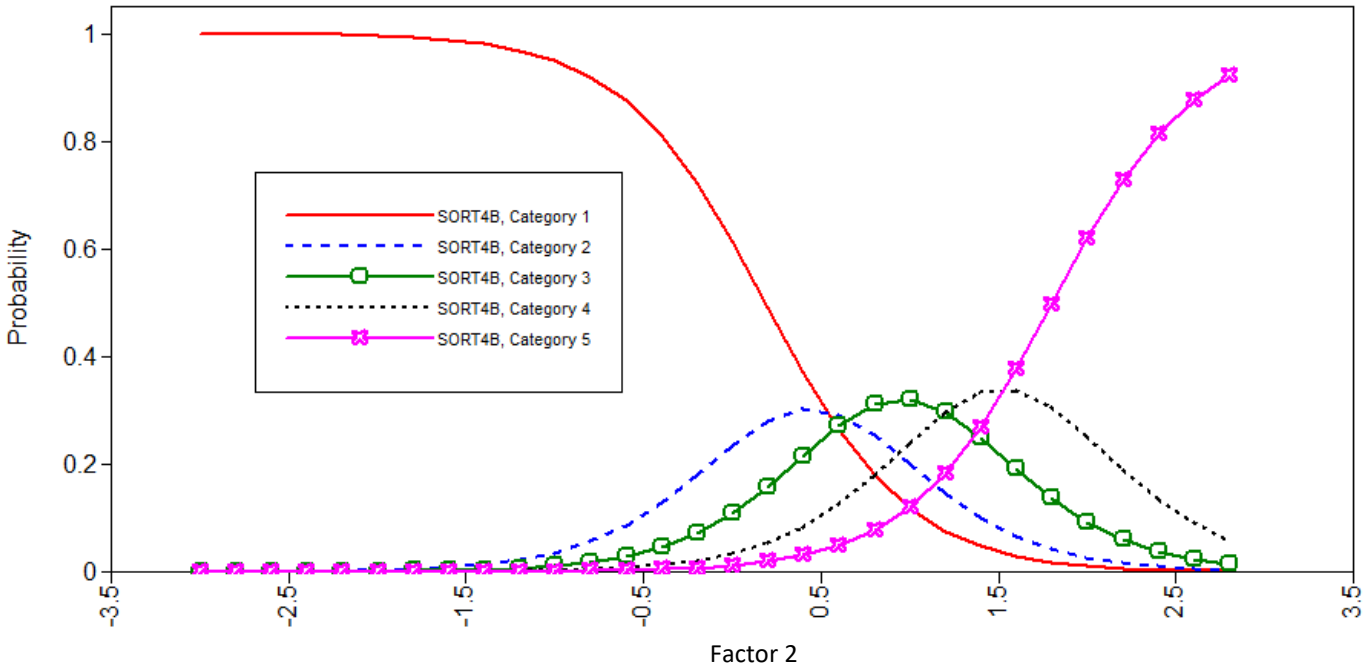
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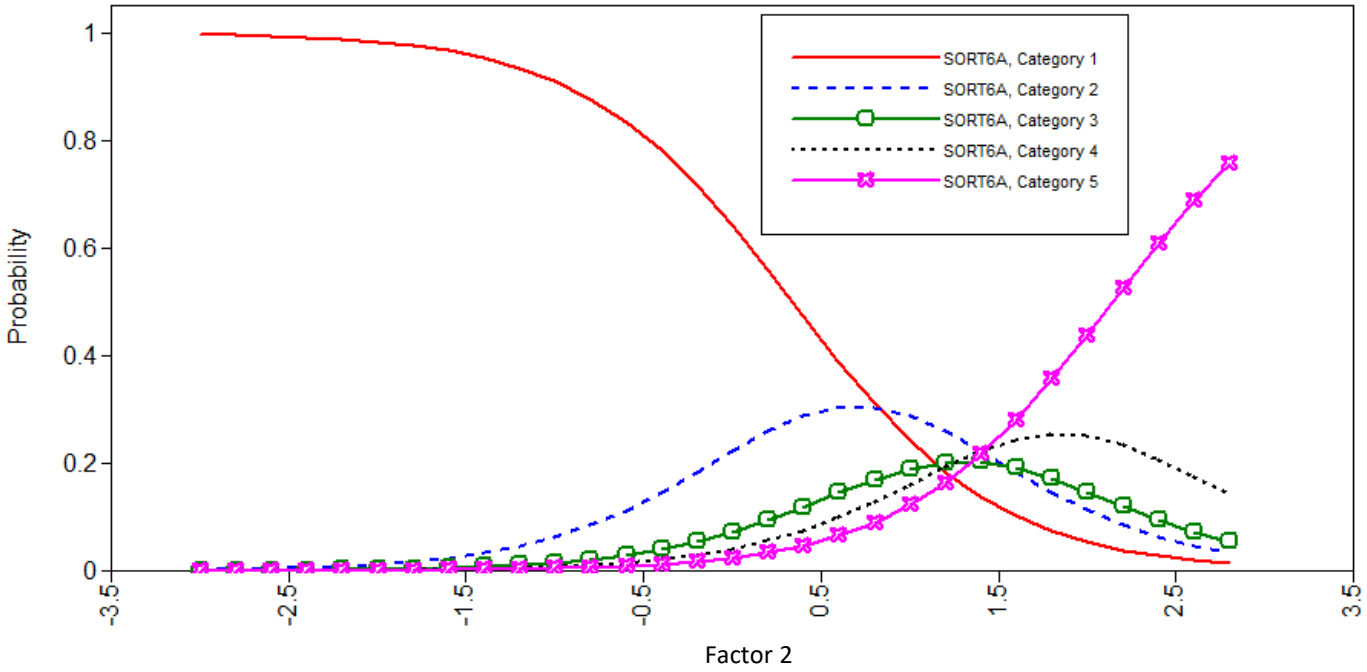
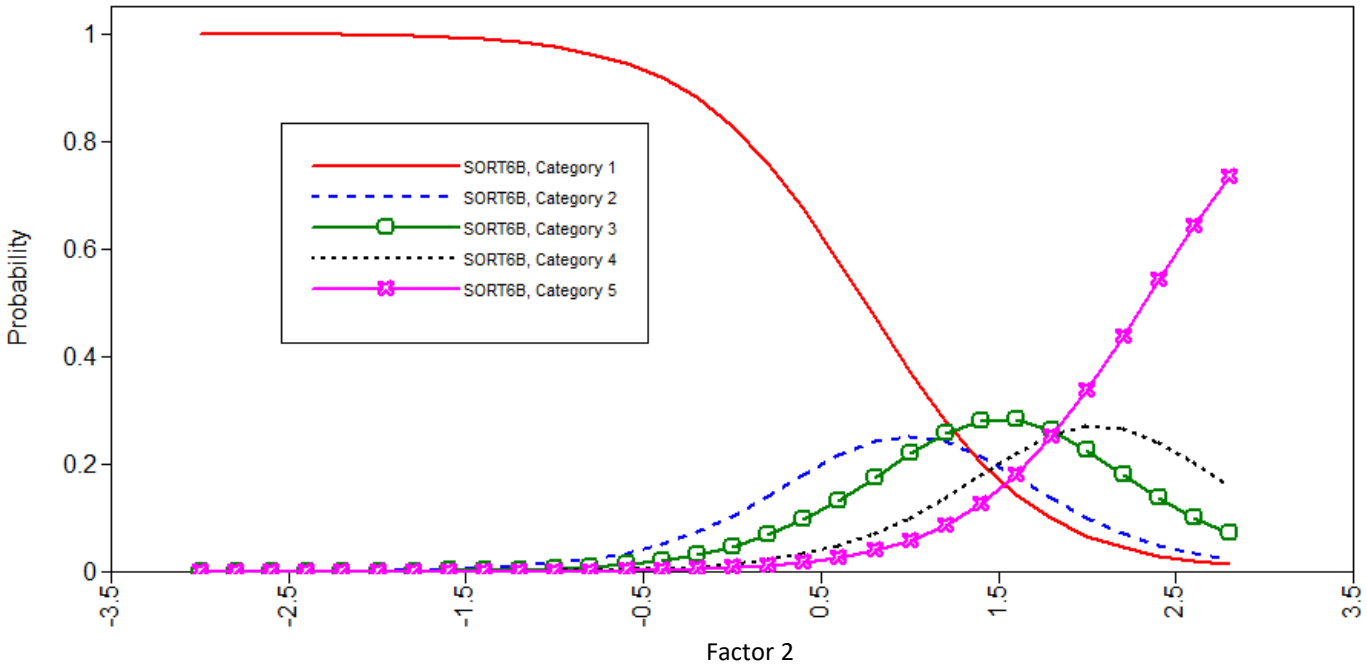
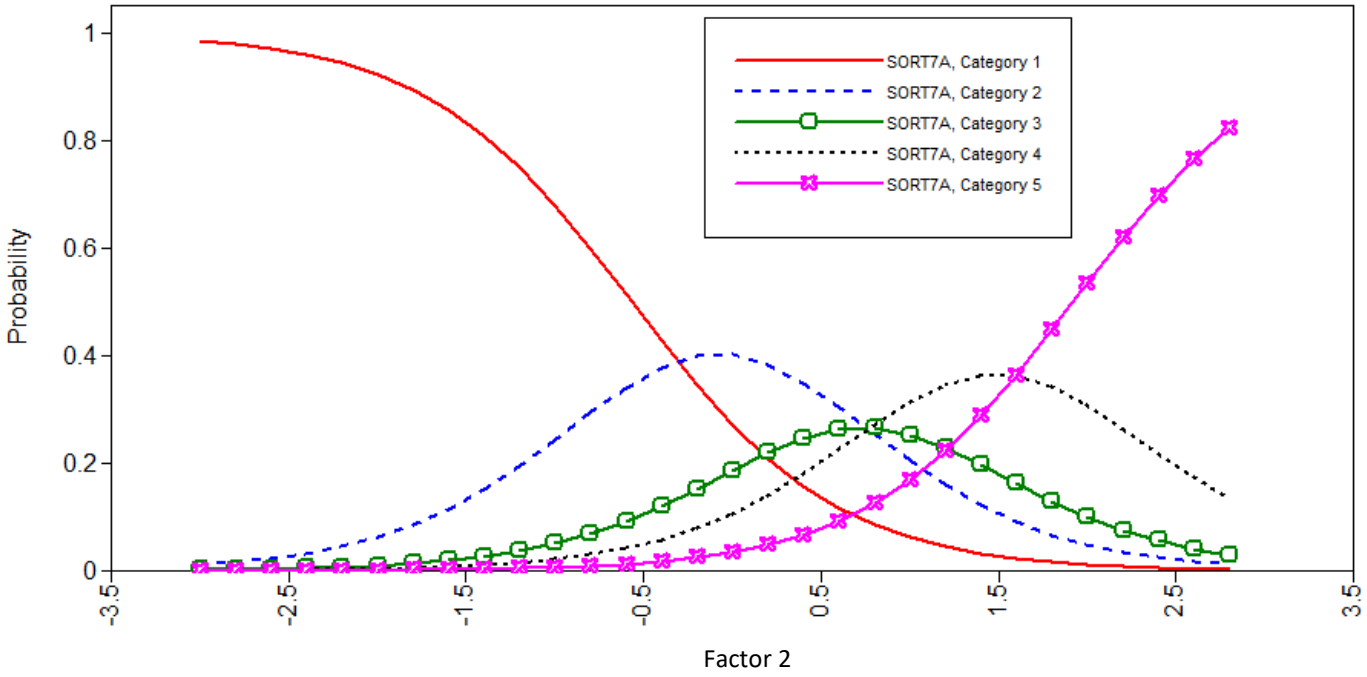
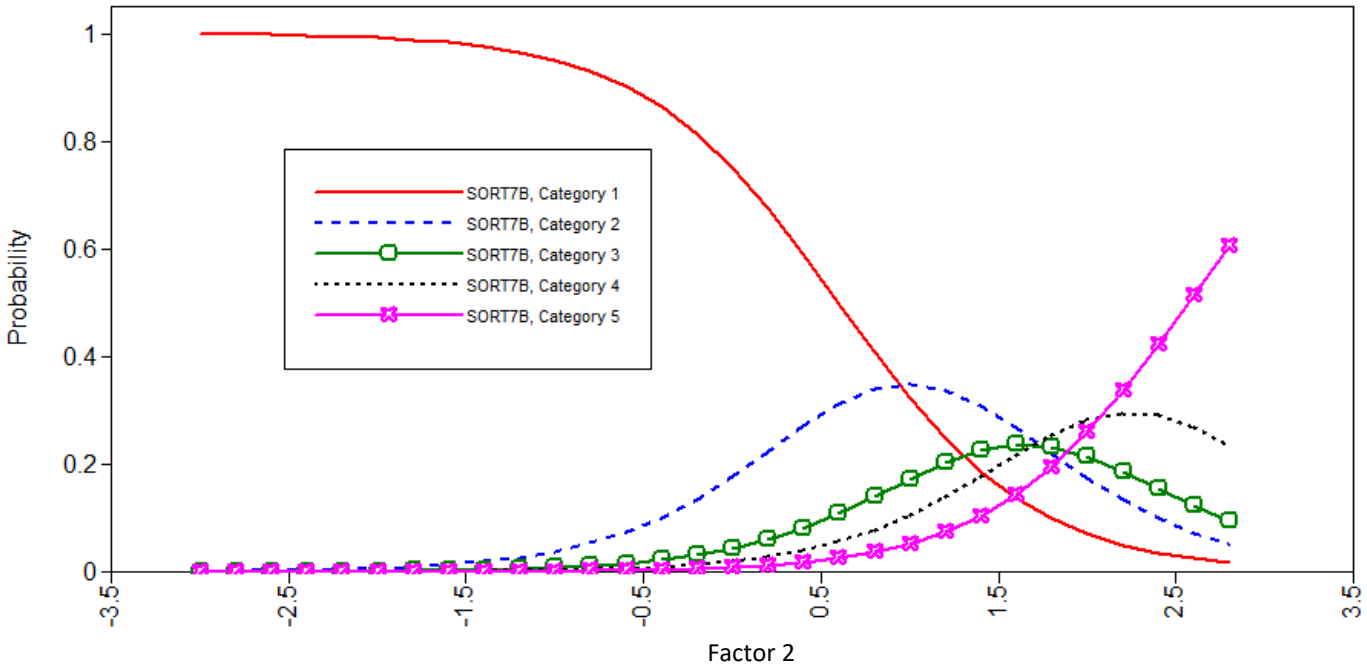
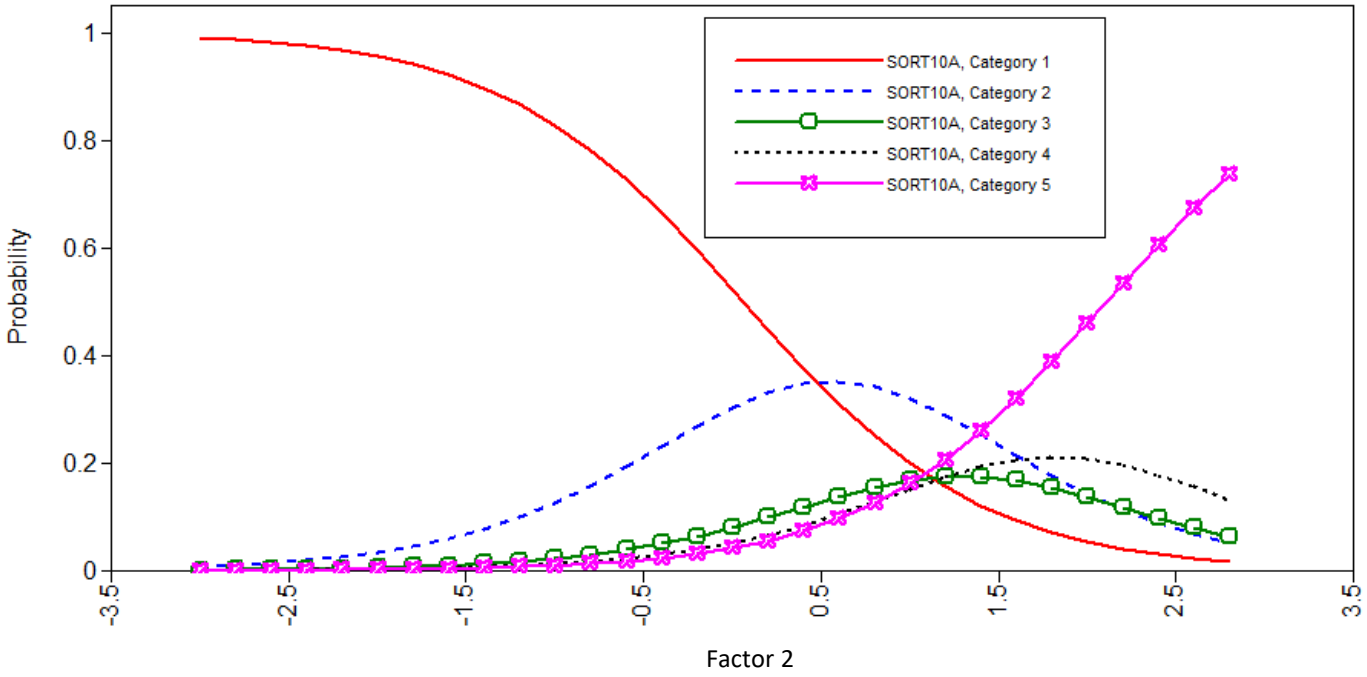
3.5
Factor 2


SORT6A, Category 1
SORT6A, Category 2
SORT6A, Category 3
SORT6A, Category 4
SORT6A, Category 5
Probability
1
0.8
0.6
0.4
0.2
0
-3.5
-2.5
-1.5
-0.5
0.5
1.5
2.5
3.5
Factor 2


SORT6B, Category 1
SORT6B, Category 2
SORT6B, Category 3
SORT6B, Category 4
SORT6B, Category 5
Probability
1
0.8
0.6
0.4
0.2
0
-3.5
-2.5
-1.5
-0.5
0.5
1.5
2.5
3.5
Factor 2


SORT7A, Category 1
SORT7A, Category 2
SORT7A, Category 3
SORT7A, Category 4
SORT7A, Category 5
Probability
1
0.8
0.6
0.4
0.2
0
-3.5
-2.5
-1.5
-0.5
0.5
1.5
2.5
3.5
Factor 2


SORT7B, Category 1
SORT7B, Category 2
SORT7B, Category 3
SORT7B, Category 4
SORT7B, Category 5
Probability
1
0.8
0.6
0.4
0.2
0
-3.5
-2.5
-1.5
-0.5
0.5
1.5
2.5
3.5
Factor 2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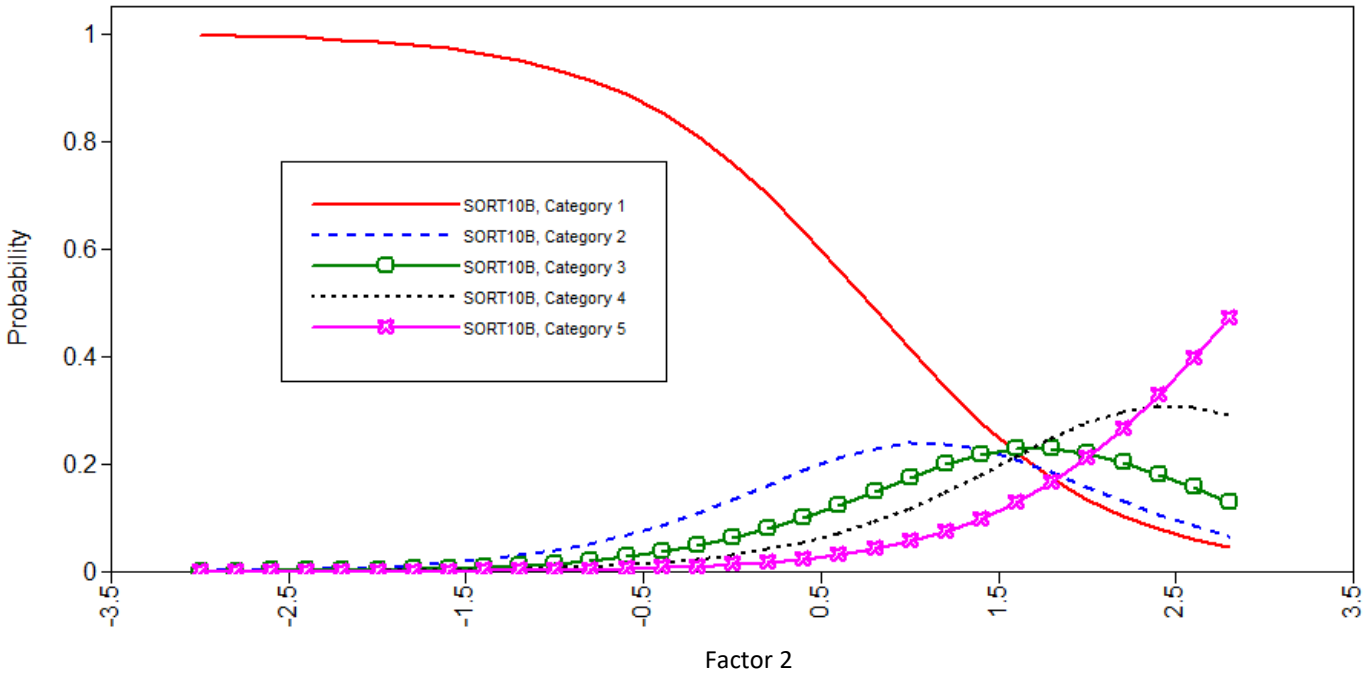
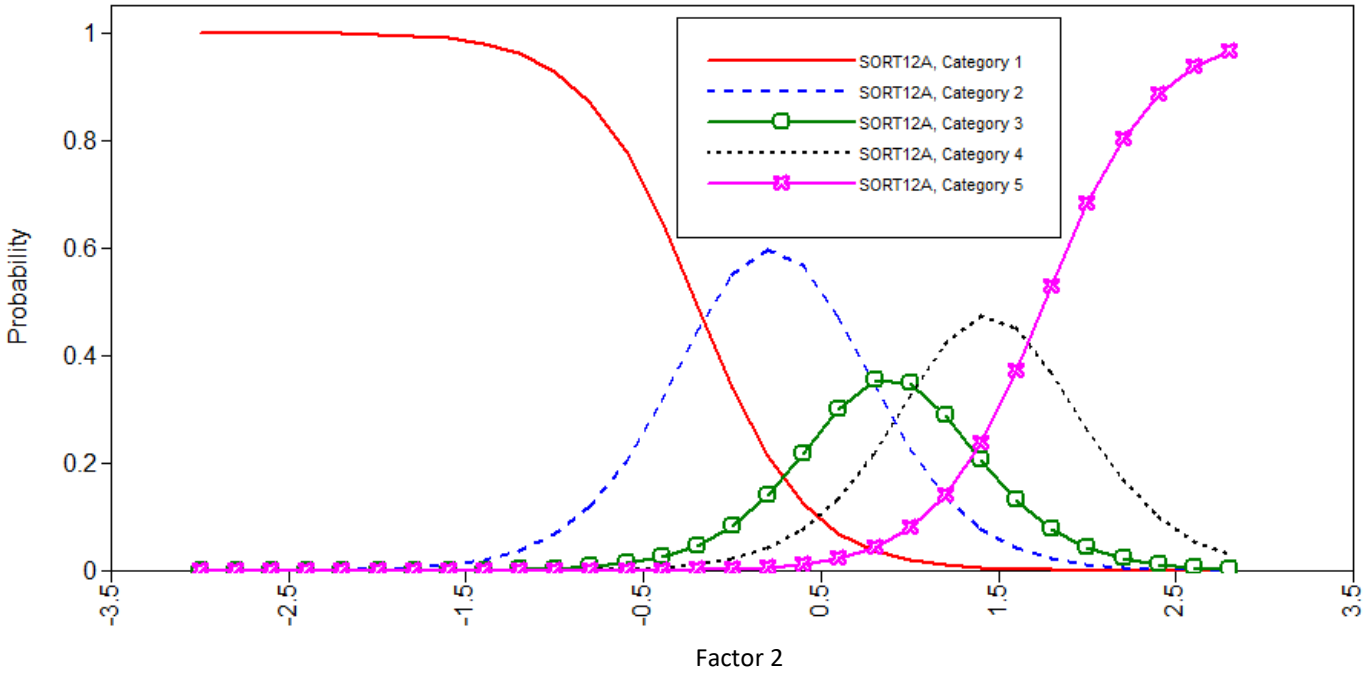
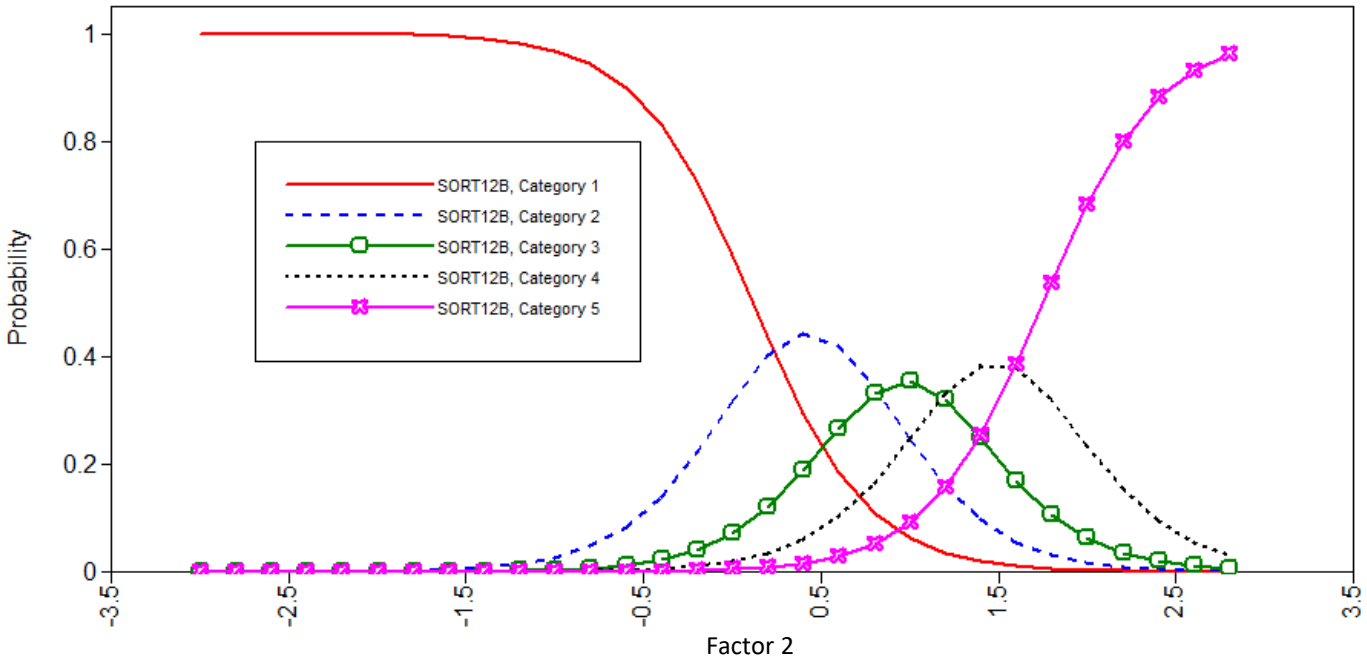
SORT10A, Category 2
SORT10A, Category 3
SORT10A, Category 4
SORT10A, Category 5
Probability
1
0.8
0.6
0.4
0.2
0
-3.5
-2.5
-1.5
-0.5
0.5
1.5
2.5
3.5
Factor 2


SORT10B, Category 1
SORT10B, Category 2
SORT10B, Category 3
SORT10B, Category 4
SORT10B, Category 5
Probability
1
0.8
0.6
0.4
0.2
0
-3.5
-2.5
-1.5
-0.5
0.5
1.5
2.5
3.5
Factor 2


SORT12A, Category 1
SORT12A, Category 2
SORT12A, Category 3
SORT12A, Category 4
SORT12A, Category 5
Probability
1
0.8
0.6
0.4
0.2
0
-3.5
-2.5
-1.5
-0.5
0.5
1.5
2.5
3.5
Factor 2


SORT12B, Category 1
SORT12B, Category 2
SORT12B, Category 3
SORT12B, Category 4
SORT12B, Category 5
Probability
1
0.8
0.6
0.4
0.2
0
-3.5
-2.5
-1.5
-0.5
0.5
1.5
2.5
3.5
Factor 2

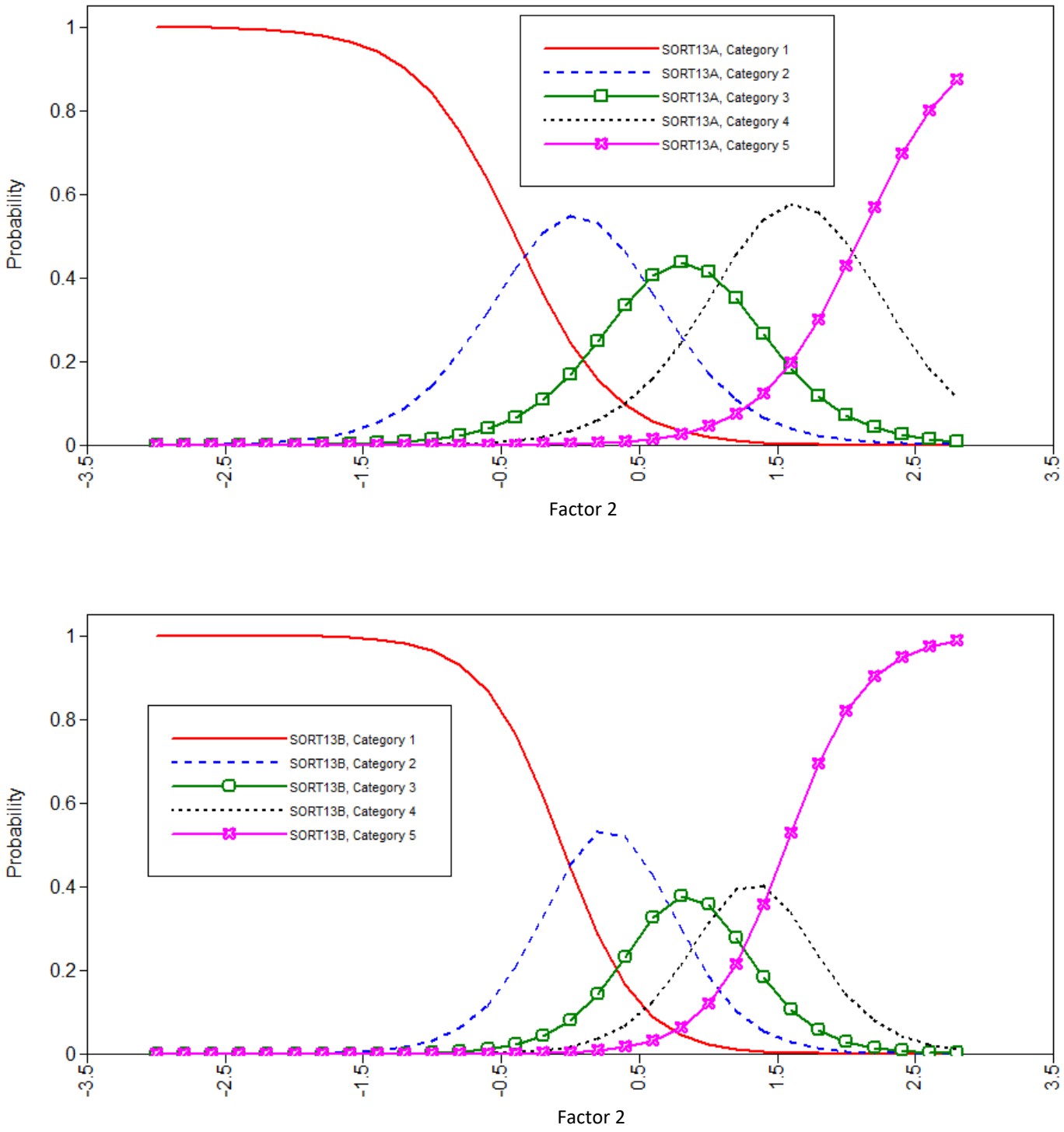


Figure S2. Item characteristic curves (ICCs) for individual items from the Significant Others' Responses to Trauma Scale (SORTS) loading onto Factor 2 (anxiety-related accommodation)

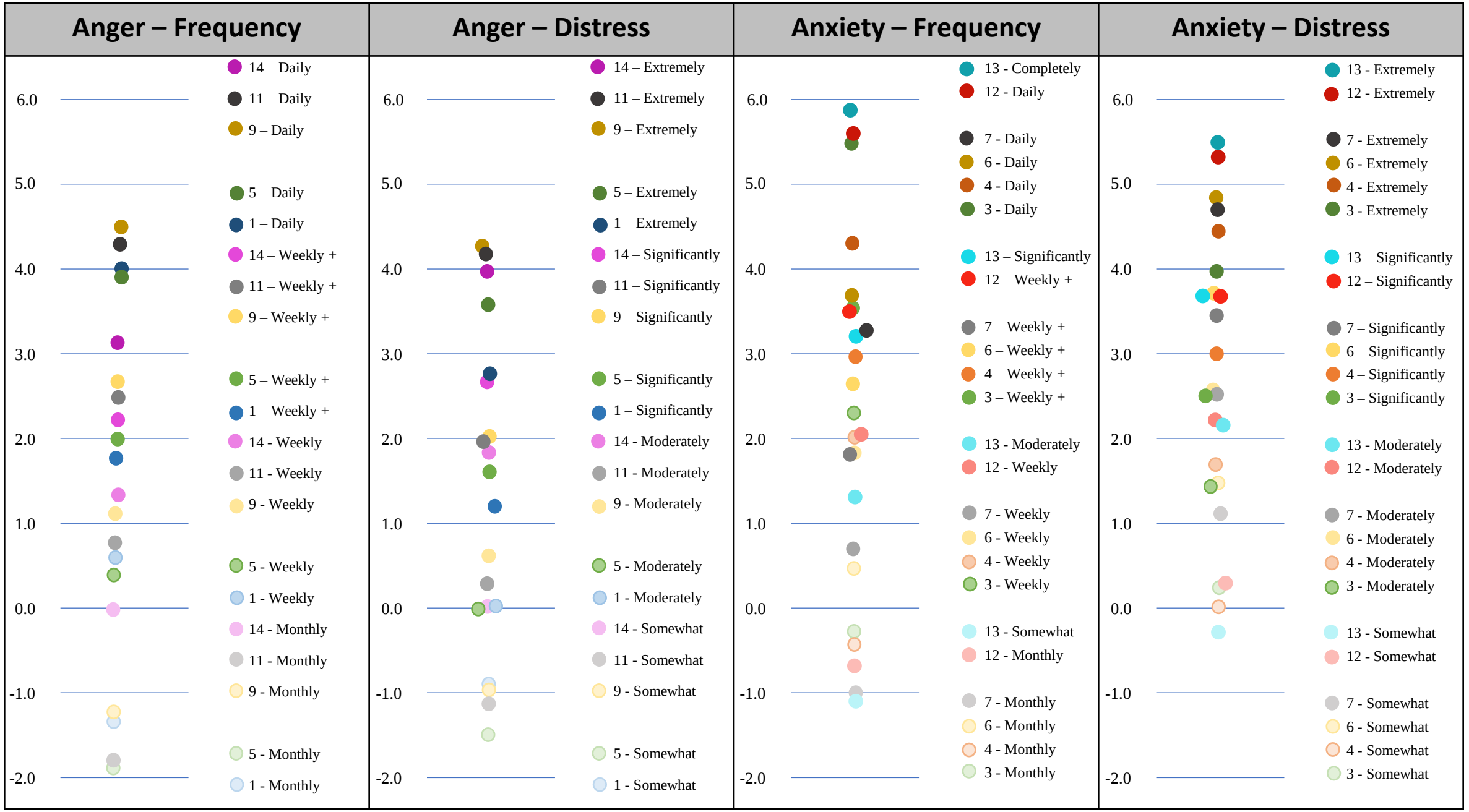


Figure S3. Item difficulties for Significant Others' Responses to Trauma Scale