

1 Item Response Theory

Overview of the item response theory (IRT) discrimination values, item characteristic curves (ICC), test and item information curves, standard error curves and reliability curves for all of the factors MR1 to MR3 in the final iteration of analysis. In the following graphs MR1 correspond to *Present*, MR2 to *Future* and MR3 to *Control*

1.1 IRT Discrimination Values

MR1

	Extrmt1	Extrmt2	Extrmt3	Extrmt4	Dscrmn
s_1	-1.392	-0.188	0.374	1.312	2.800
s_6	-2.162	-1.336	-0.670	1.226	1.993
s_14	-2.674	-1.413	-0.891	0.902	1.894
s_65	-1.488	-0.531	-0.013	1.090	2.609
s_93	-3.815	-1.999	-0.680	1.806	0.841
s_124	-1.179	-0.289	0.092	1.220	2.661
s_138	-1.563	-0.321	0.161	1.280	2.396
s_139	-1.583	-0.449	0.103	1.186	2.588
s_143	-0.861	-0.062	0.286	1.193	2.106
s_144	-1.622	-0.692	-0.378	0.974	2.485
s_148	-1.797	-0.836	-0.281	1.004	2.056
s_151	-0.976	-0.025	0.355	1.459	2.817
s_181	-1.969	-0.853	-0.279	1.396	1.620
s_195	-1.955	-0.847	-0.155	1.334	1.815
s_201	-1.284	-0.157	0.422	1.672	1.686

MR2

	Extrmt1	Extrmt2	Extrmt3	Extrmt4	Dscrmn
s_5	-1.663	-0.372	0.353	1.501	1.961
s_11	-0.856	0.186	0.805	2.017	2.485
s_53	-0.989	0.317	0.822	2.222	1.436
s_54	-0.974	0.475	0.927	2.179	1.187
s_80	-3.706	-1.508	0.118	2.104	0.765
s_120	-1.894	-0.656	0.410	1.802	1.351
s_202	-0.871	0.516	1.115	2.272	1.567

MR3

	Extrmt1	Extrmt2	Extrmt3	Extrmt4	Dscrmn
s_61	-2.013	-0.766	-0.229	1.015	2.002
s_64	-2.360	-0.482	0.208	1.307	1.506
s_75	-1.146	0.100	0.462	2.287	0.961
s_83	-2.117	-0.731	0.220	1.591	1.989
s_107	-2.467	-1.029	-0.603	1.013	1.817
s_183	-1.711	-0.317	0.347	1.935	1.564

1.2 Factor MR1

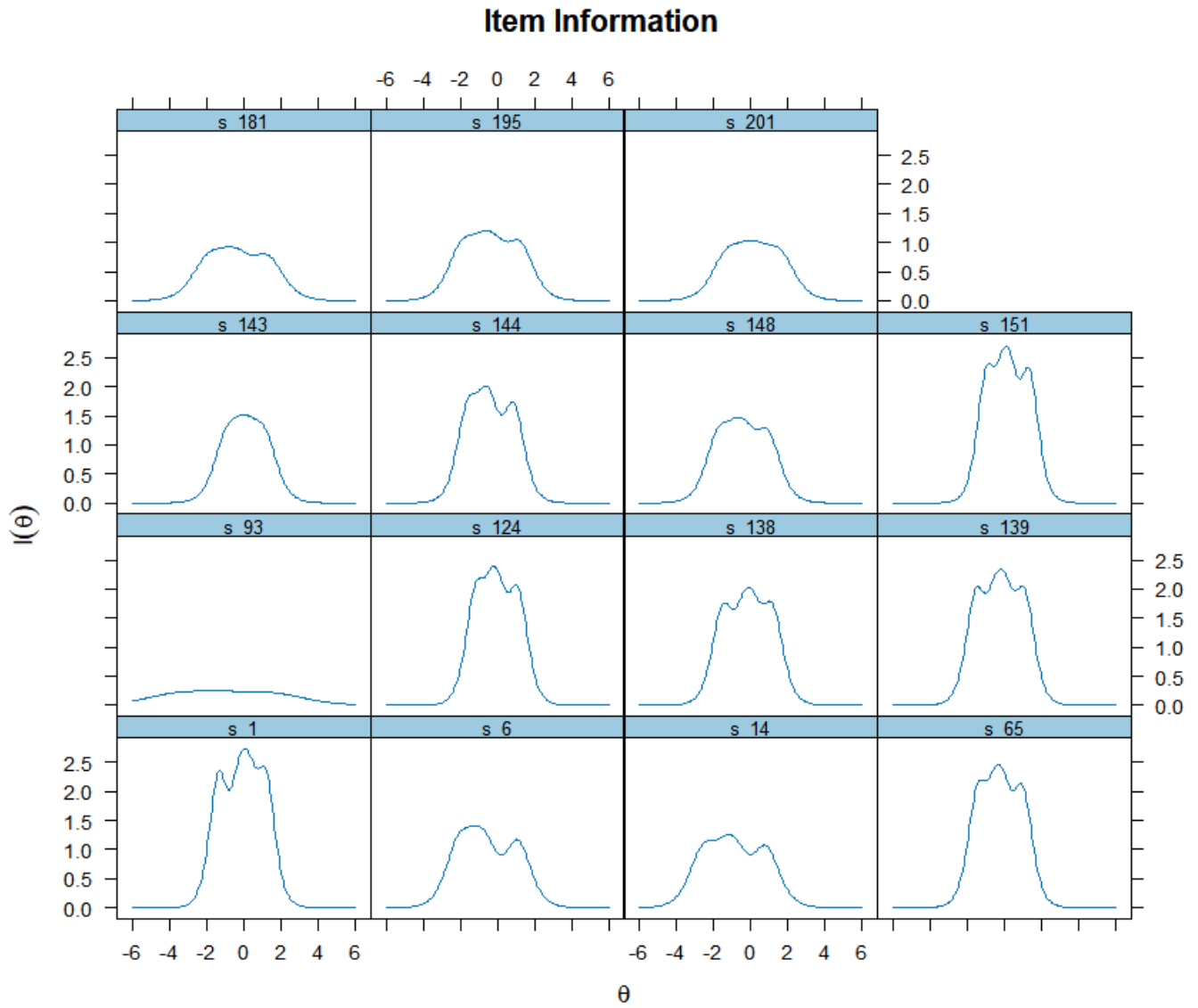


Figure 1: Item information graphs for factor MR1

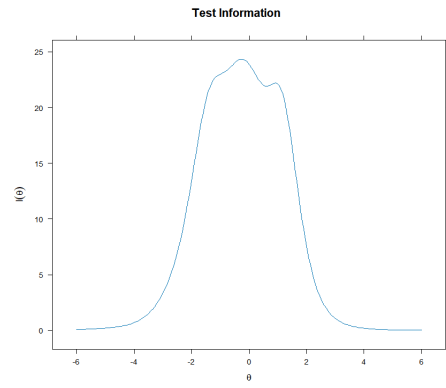


Figure 2: Test information graph for factor MR1

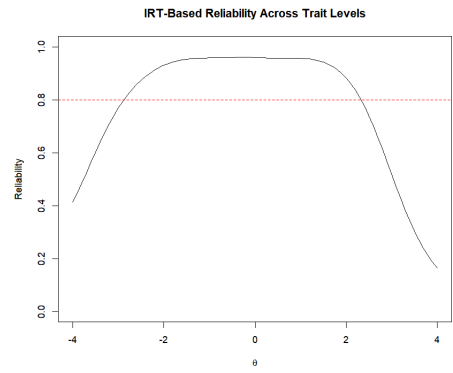


Figure 3: Reliability graph for factor MR1

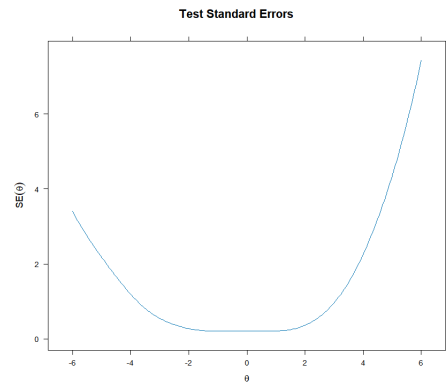
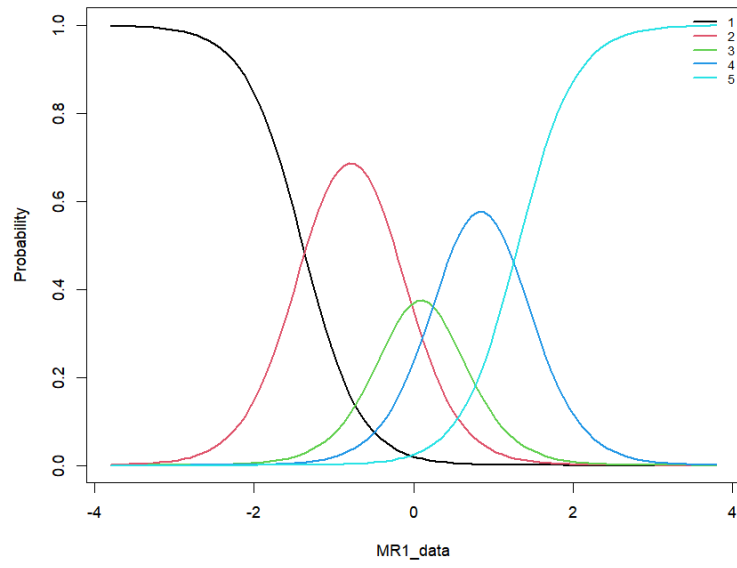
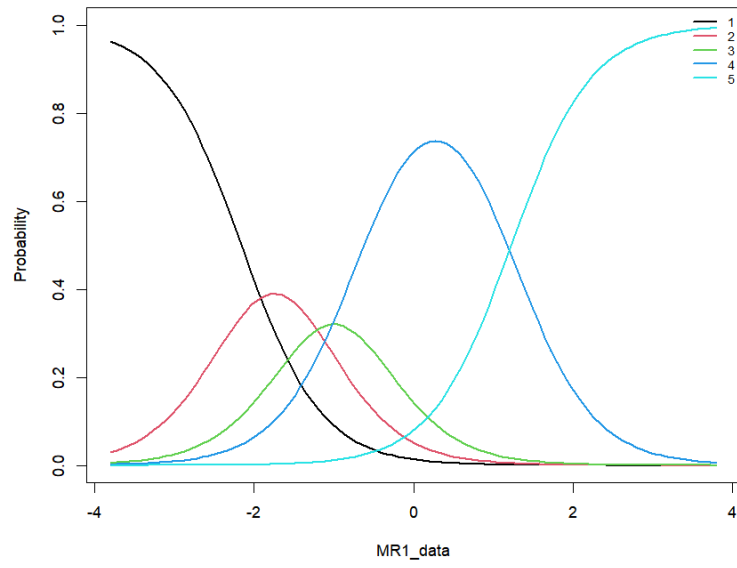


Figure 4: Standard error graph for factor MR1

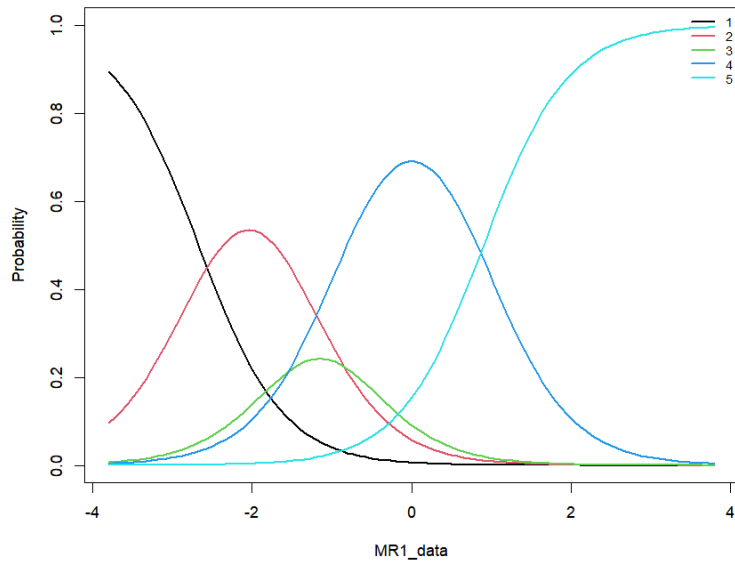
Item Response Category Characteristic Curves - Item: s_1



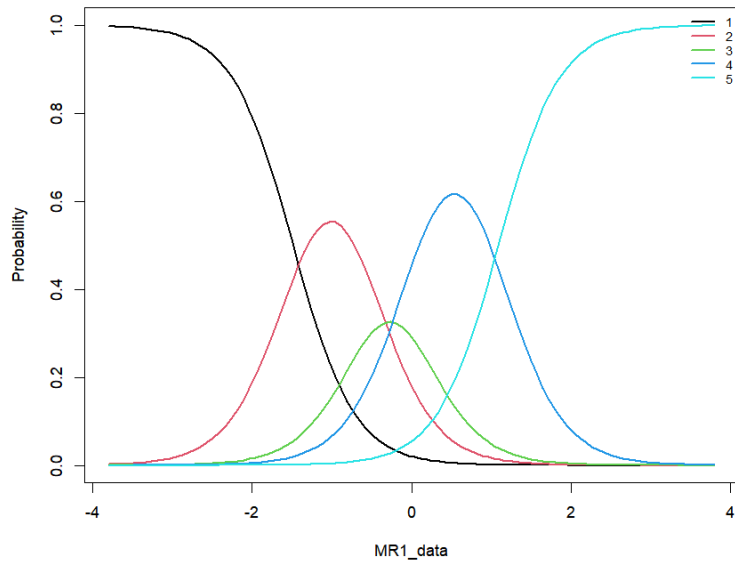
Item Response Category Characteristic Curves - Item: s_6



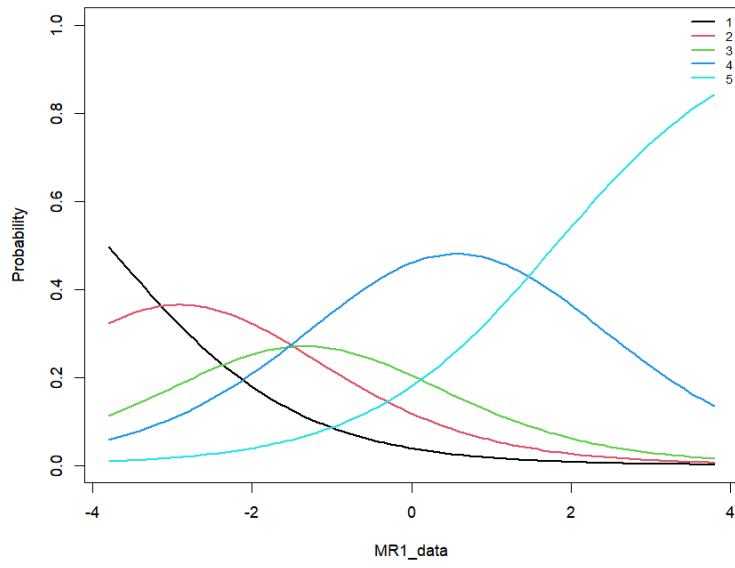
Item Response Category Characteristic Curves - Item: s_14



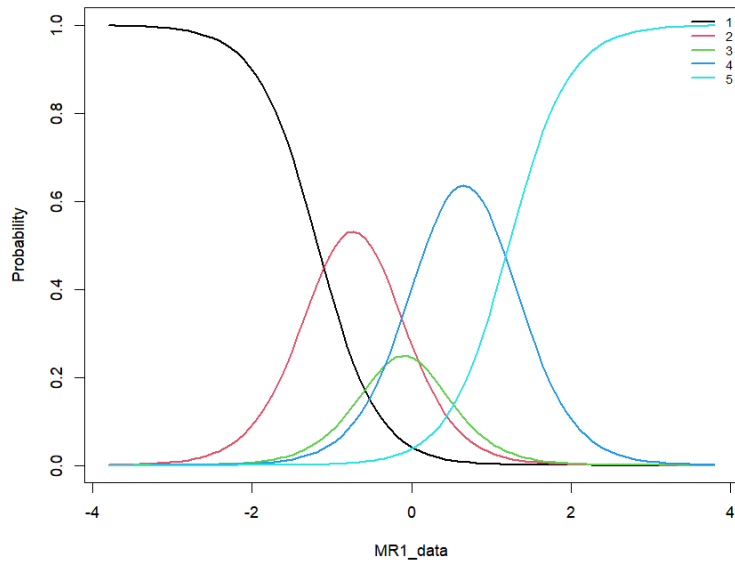
Item Response Category Characteristic Curves - Item: s_65



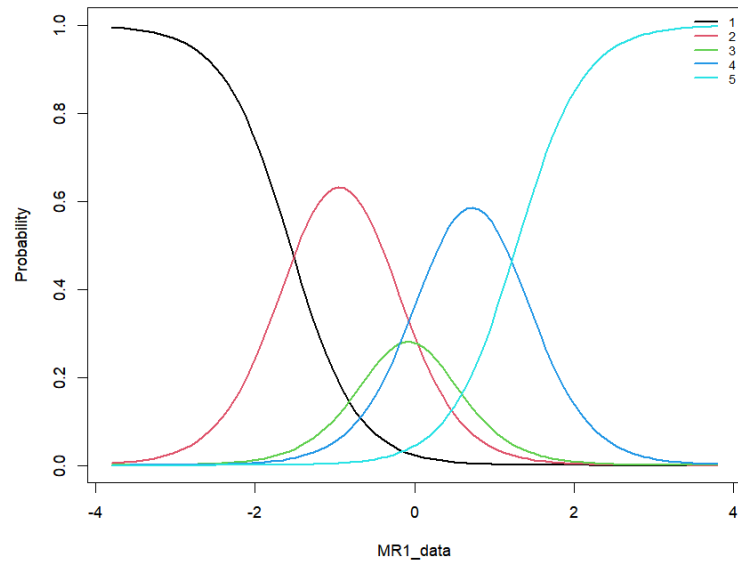
Item Response Category Characteristic Curves - Item: s_93



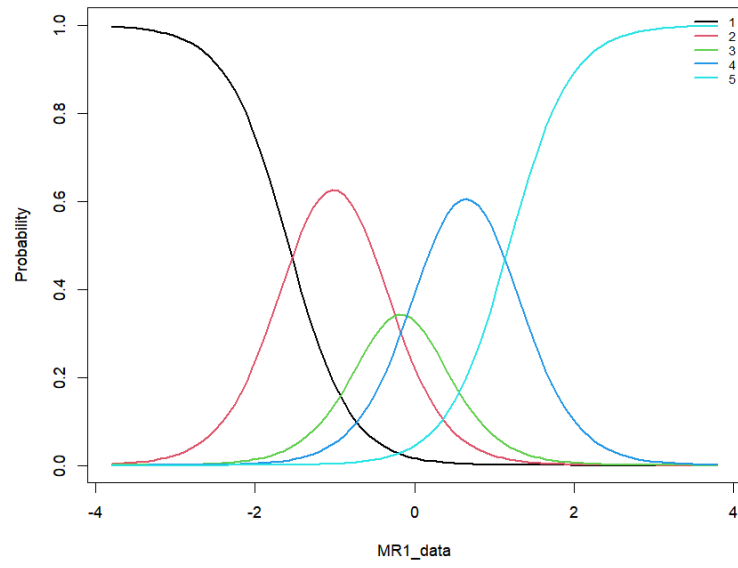
Item Response Category Characteristic Curves - Item: s_124



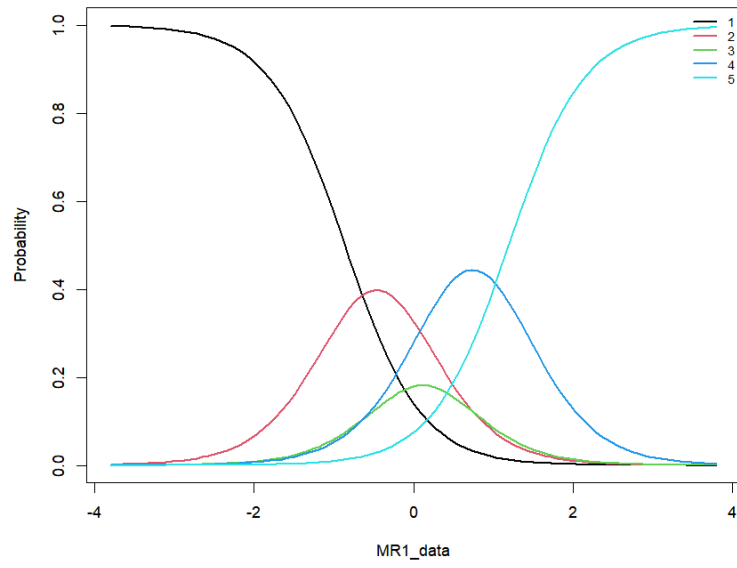
Item Response Category Characteristic Curves - Item: s_138



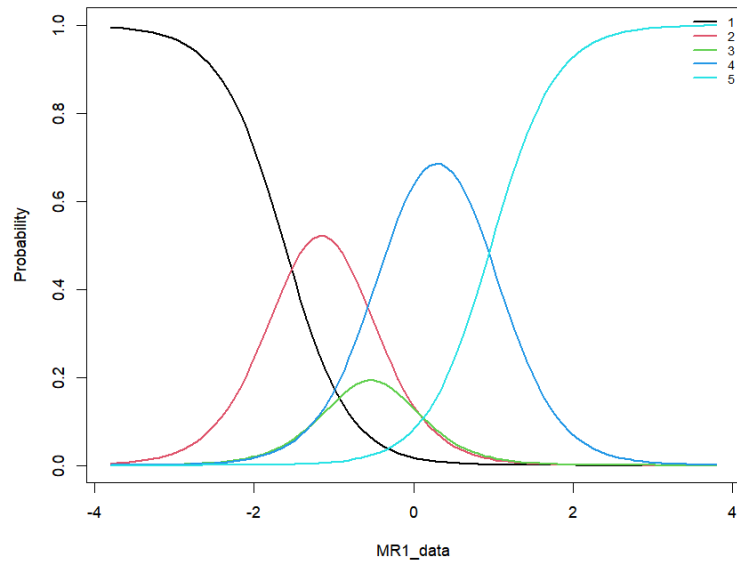
Item Response Category Characteristic Curves - Item: s_139



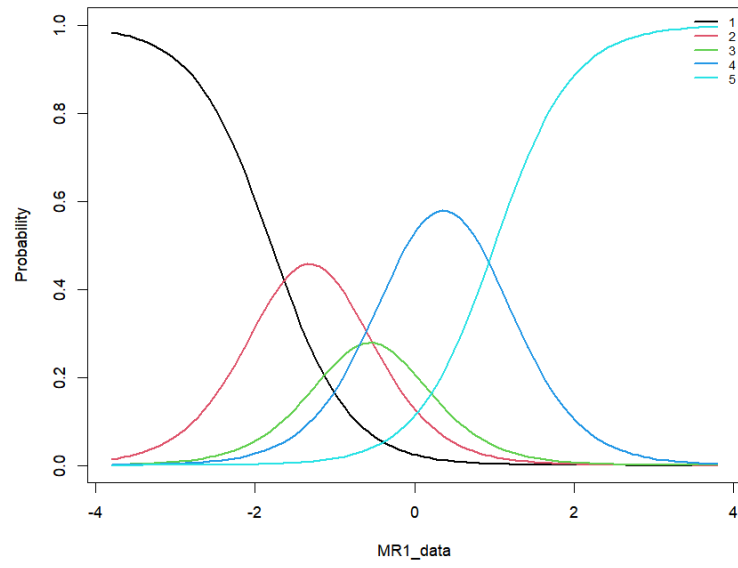
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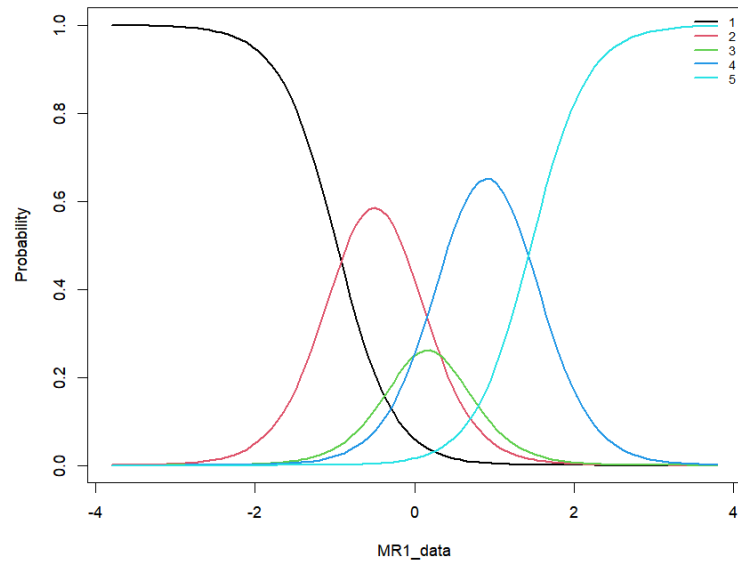
Item Response Category Characteristic Curves - Item: s_144



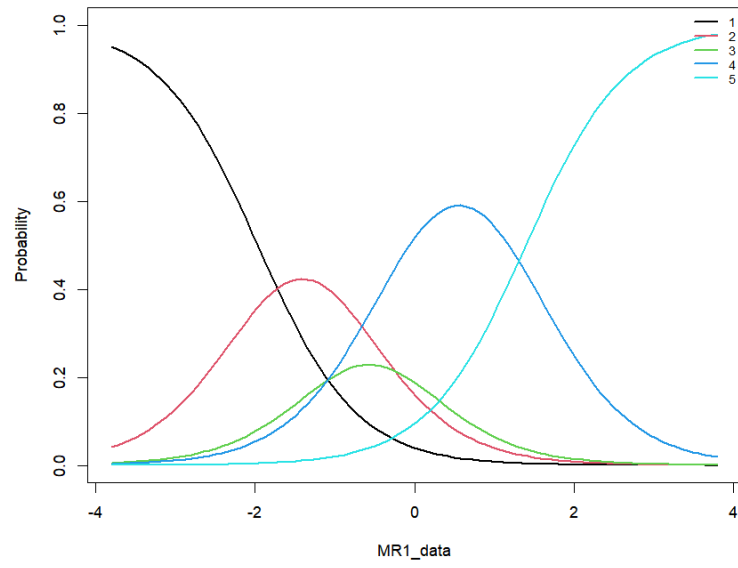
Item Response Category Characteristic Curves - Item: s_148



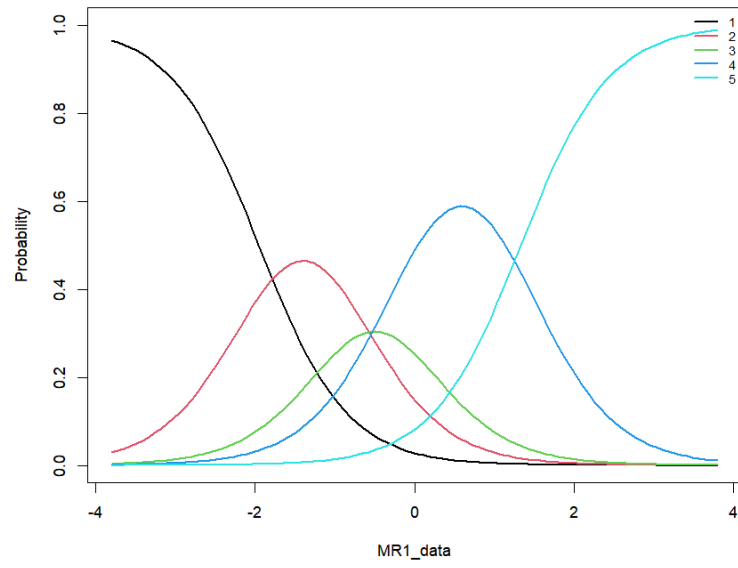
Item Response Category Characteristic Curves - Item: s_151

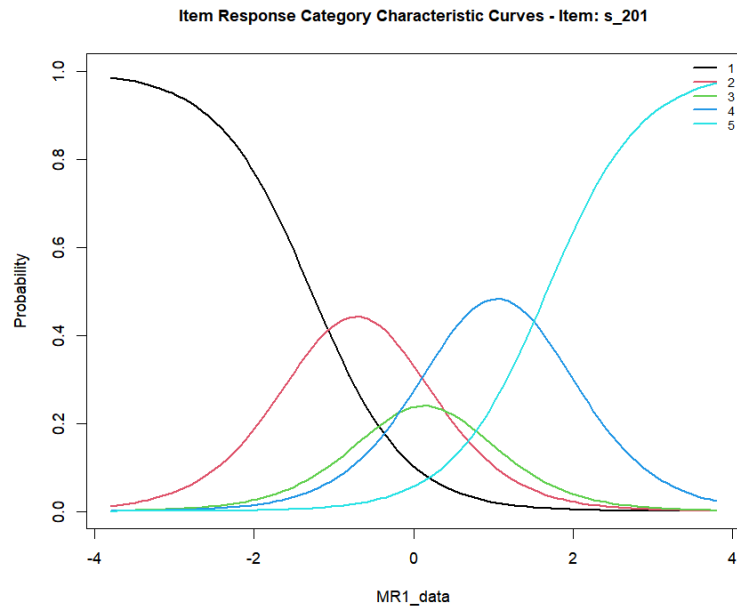


Item Response Category Characteristic Curves - Item: s_181



Item Response Category Characteristic Curves - Item: s_195





1.3 Factor MR2

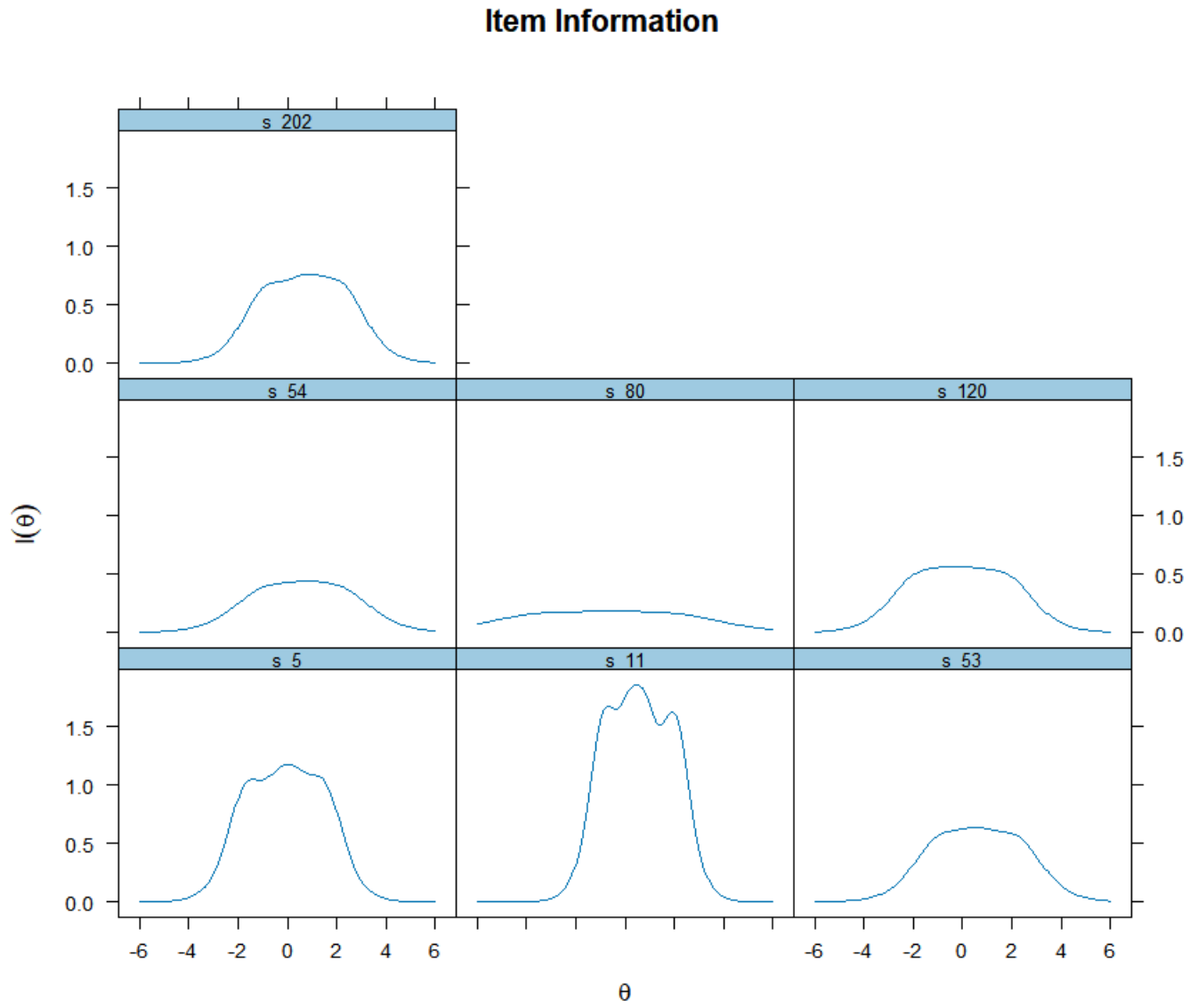


Figure 5: Item information graphs for factor MR2

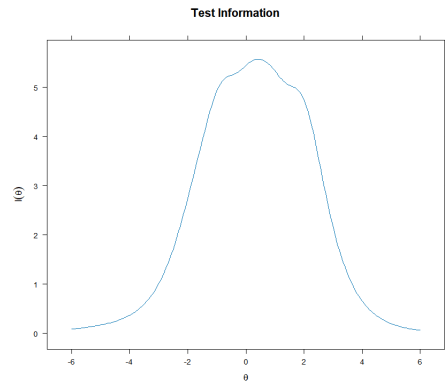


Figure 6: Test information graph for factor MR2

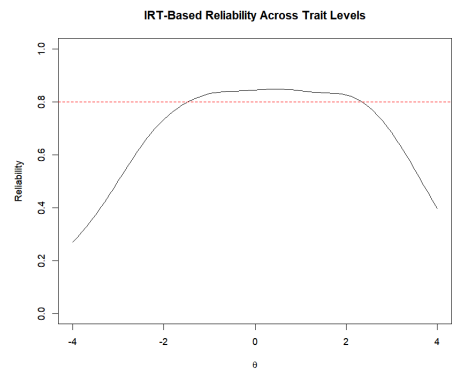


Figure 7: Reliability graph for factor MR2

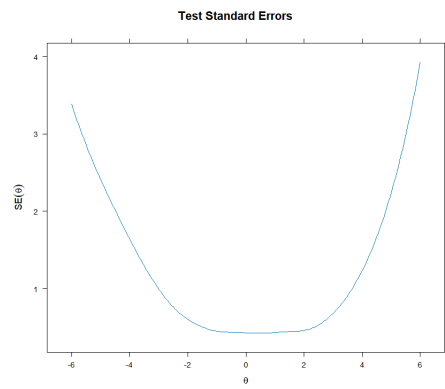
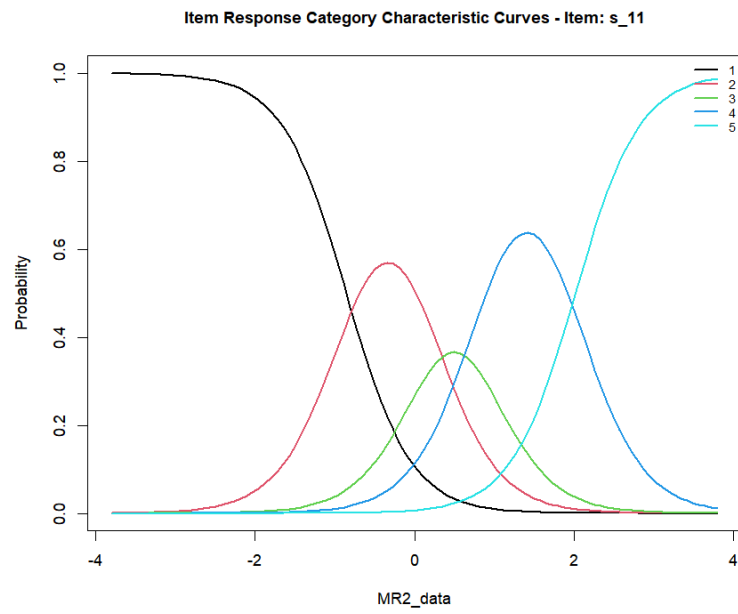
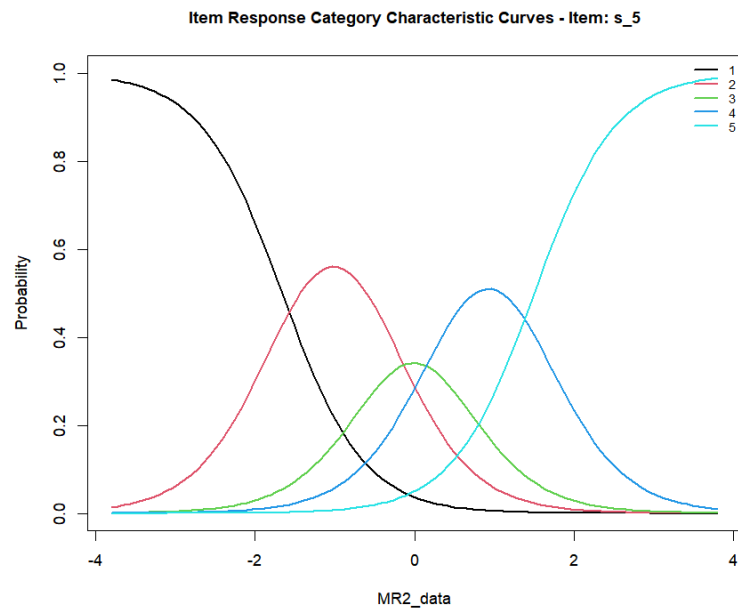
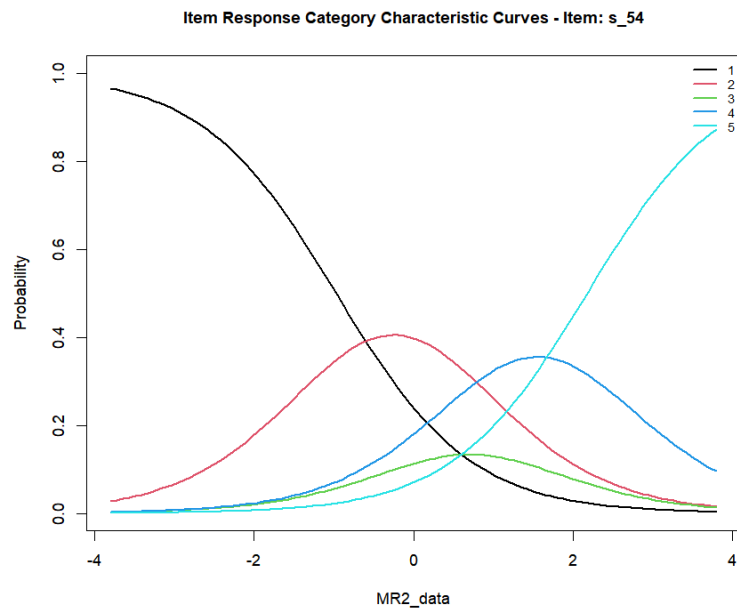
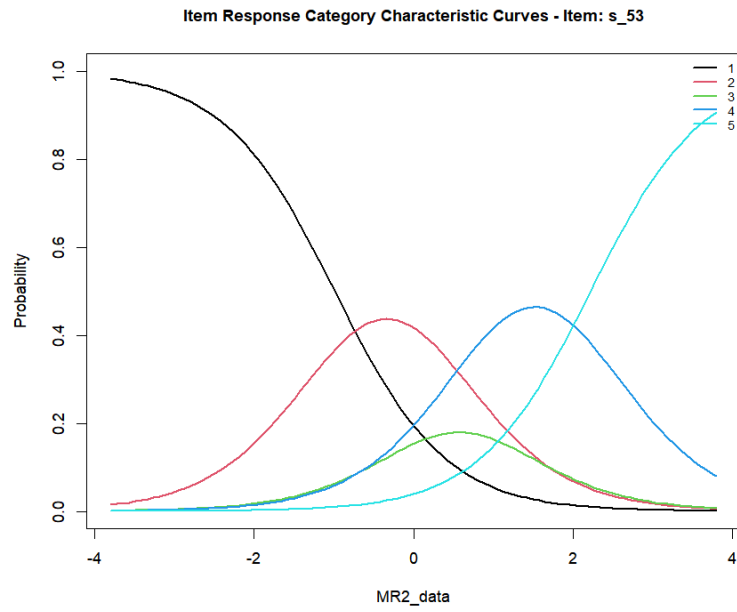
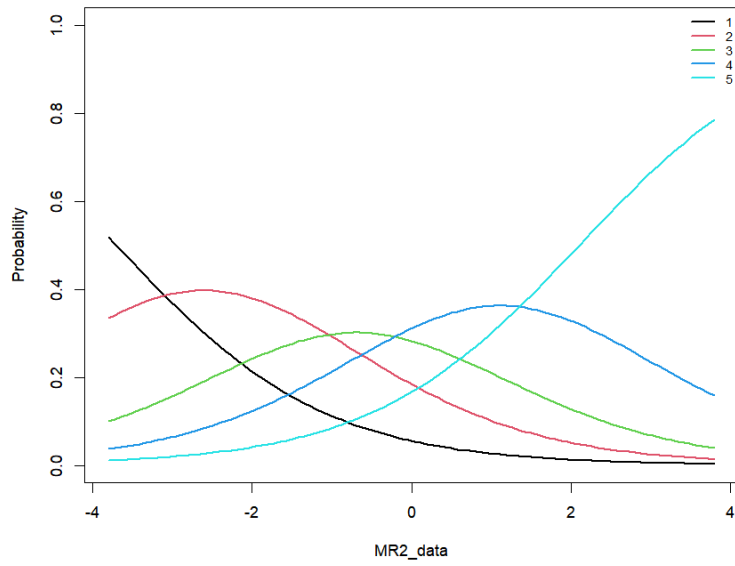


Figure 8: Standard error graph for factor MR2

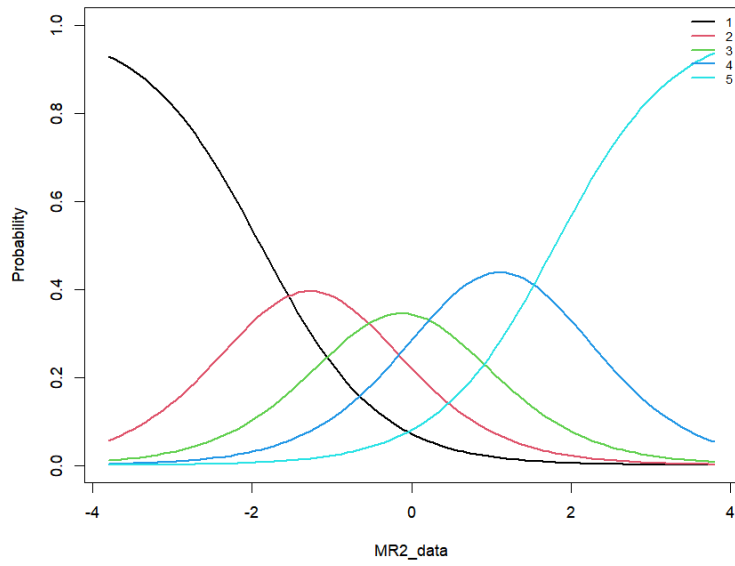


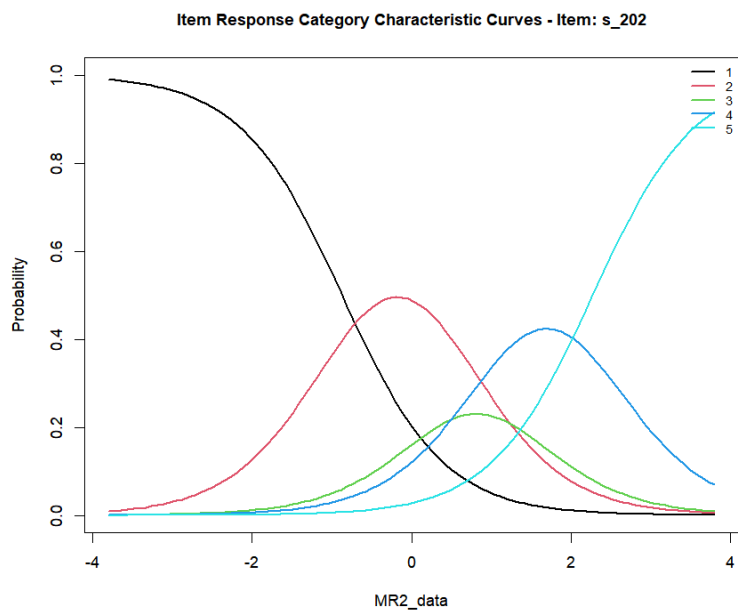


Item Response Category Characteristic Curves - Item: s_80



Item Response Category Characteristic Curves - Item: s_120





1.4 Factor MR3

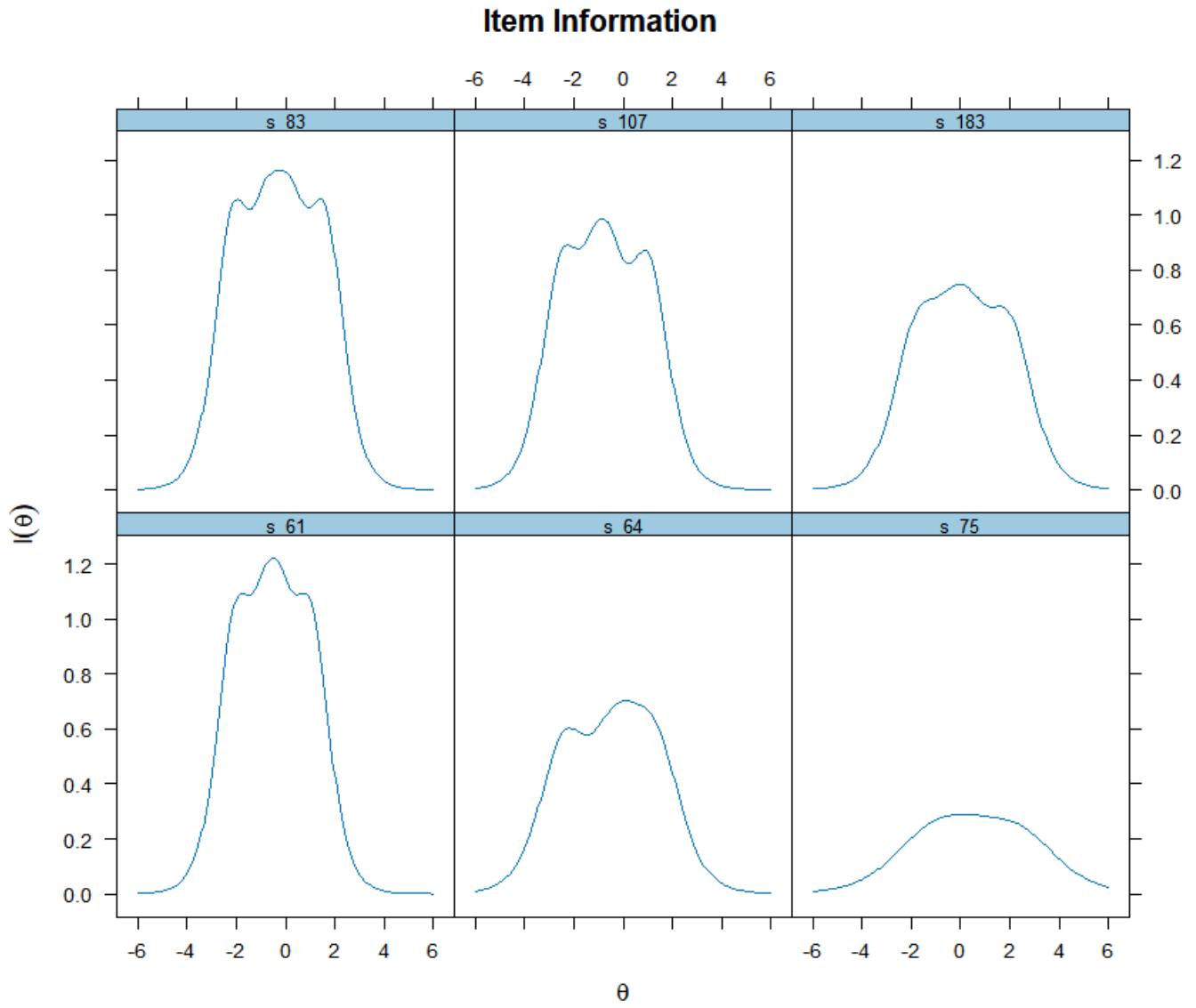


Figure 9: Item information graphs for factor MR3

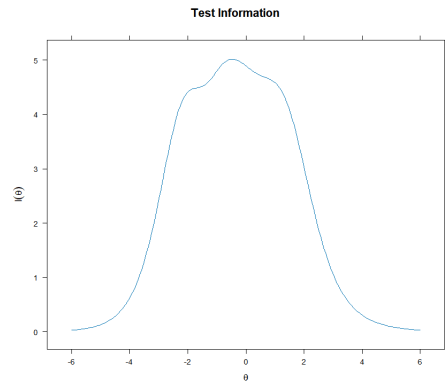


Figure 10: Test information graph for factor MR3

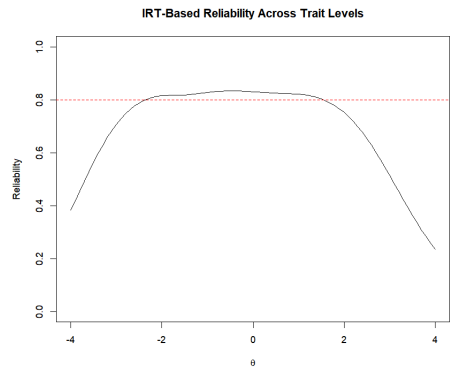


Figure 11: Reliability graph for factor MR3

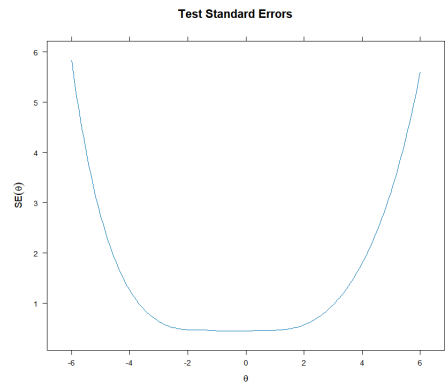
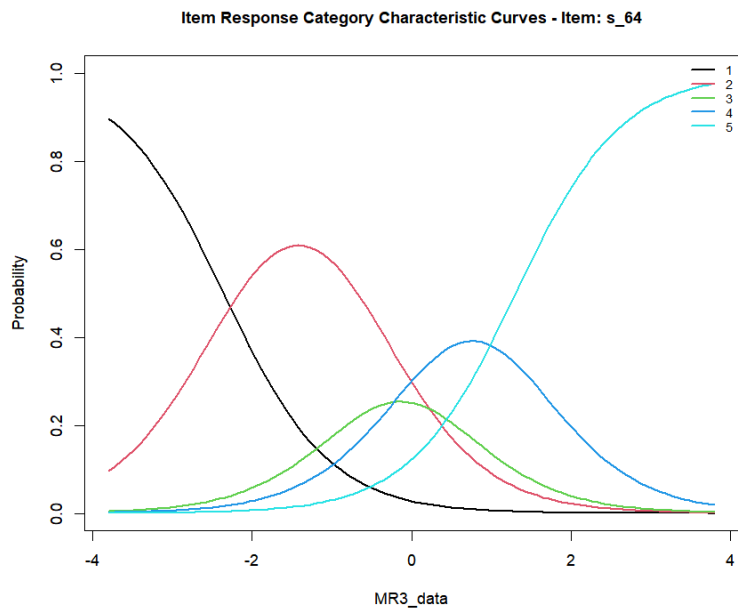
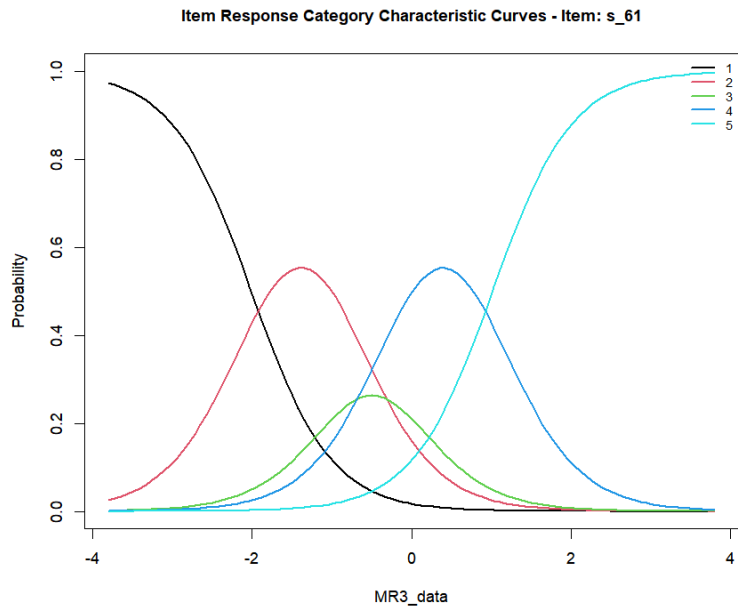
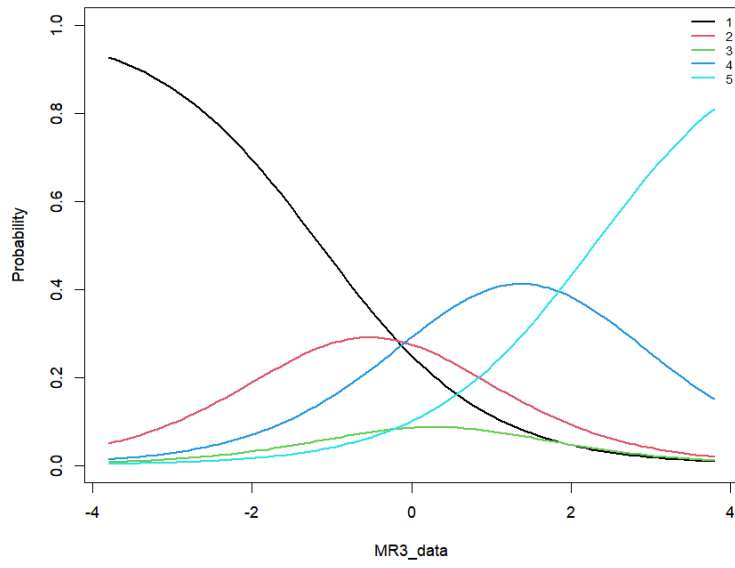


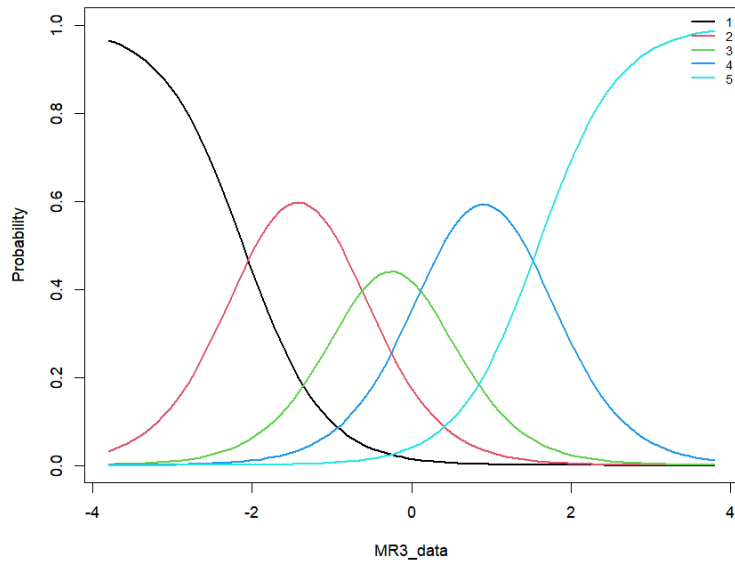
Figure 12: Standard error graph for factor MR3



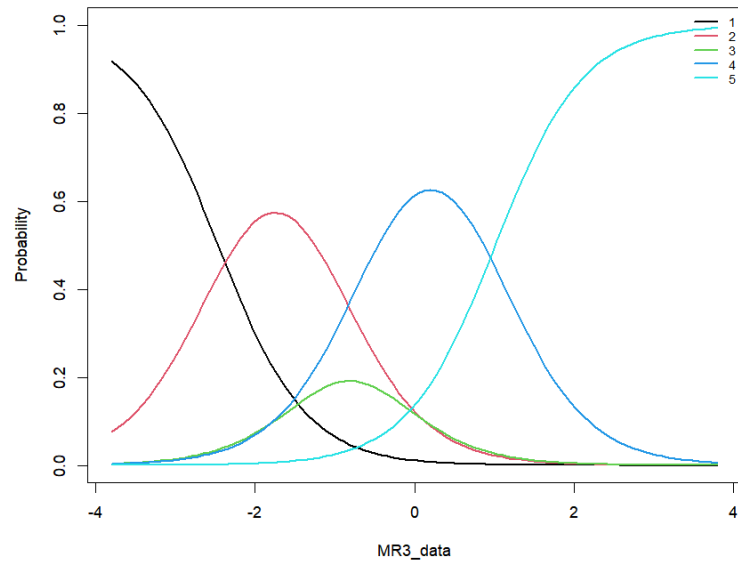
Item Response Category Characteristic Curves - Item: s_75



Item Response Category Characteristic Curves - Item: s_83



Item Response Category Characteristic Curves - Item: s_107



Item Response Category Characteristic Curves - Item: s_183

