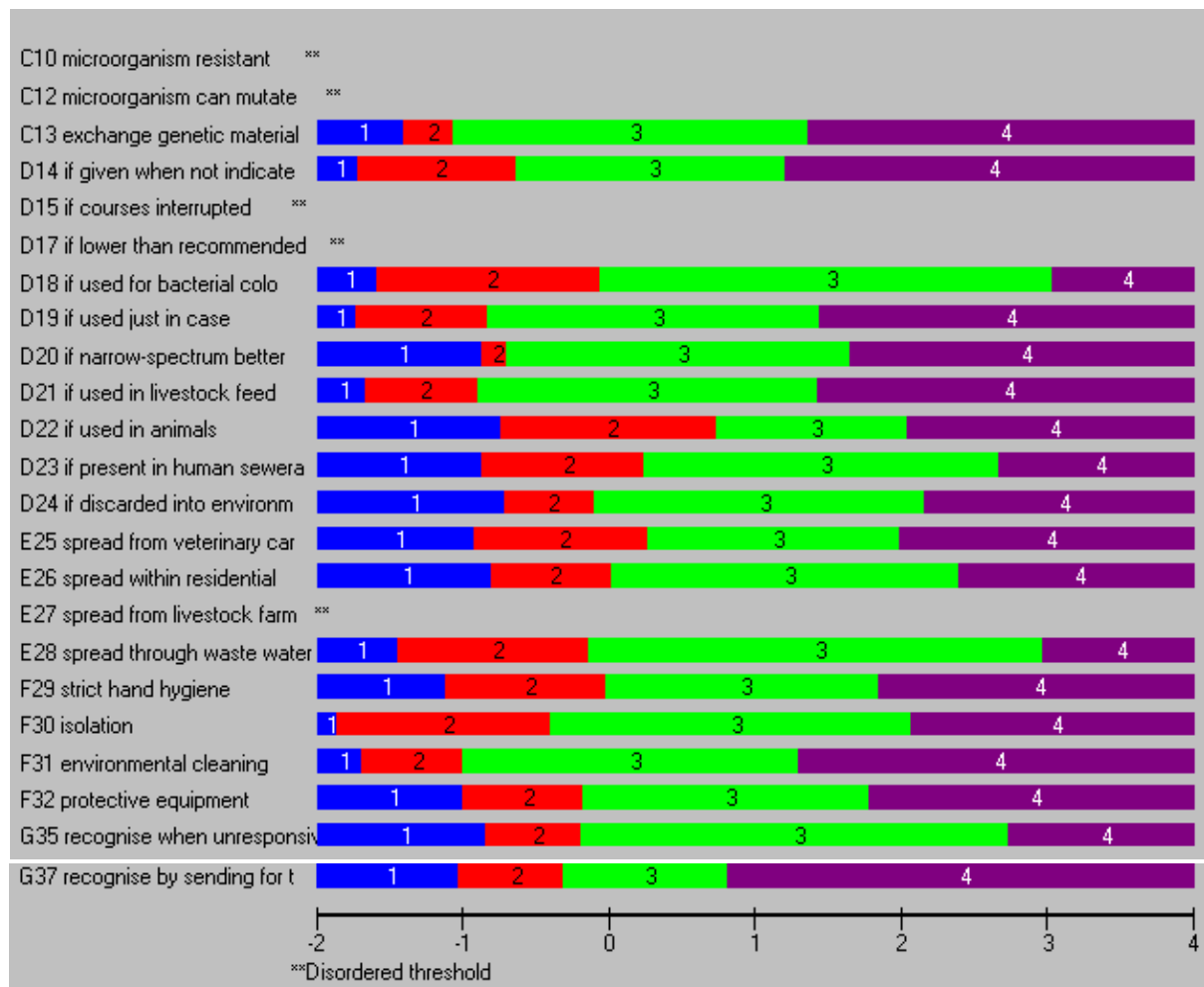


Appendix 8. RMT Animal HCPs Analysis Tables and Figures

Table 8A. Animal HCPs scale. Item fit

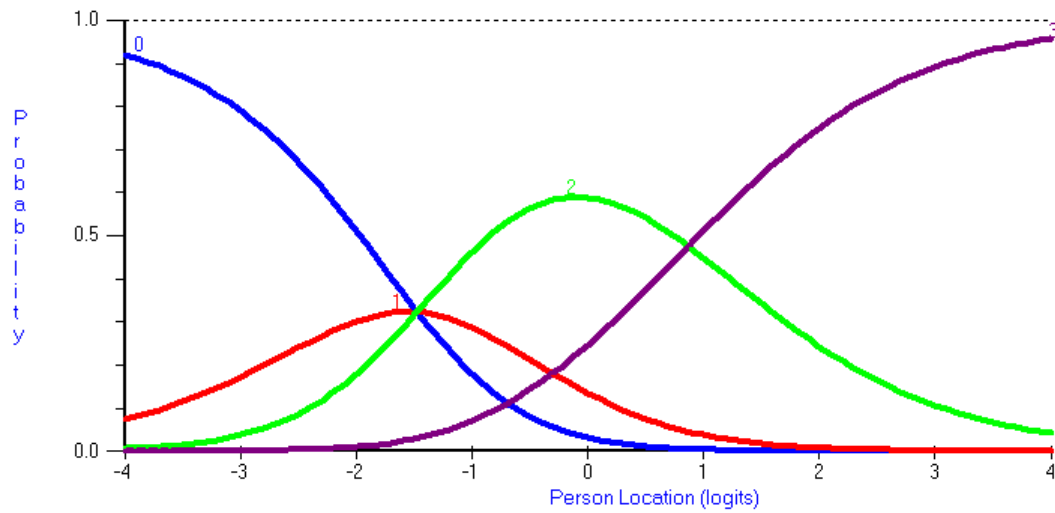
Seq	Item	Type	Location	SE	FitResid	DF	ChiSq	DF	Prob
10	I0010	Poly	-0.691	0.094	0.293	320.2	3.162	4	0.531145
12	I0012	Poly	-0.927	0.104	-0.86	323.99	6.384	4	0.172264
13	I0013	Poly	-0.368	0.088	-1.459	322.09	3.849	4	0.42676
14	I0014	Poly	-0.387	0.084	1.804	322.09	4.015	4	0.403926
15	I0015	Poly	-0.816	0.1	-1.694	323.04	15.686	4	0.003472
17	I0017	Poly	-0.433	0.089	-1.612	321.15	4.511	4	0.341272
18	I0018	Poly	0.461	0.089	-0.024	320.2	4.004	4	0.405406
19	I0019	Poly	-0.378	0.087	-0.47	323.04	5.246	4	0.262972
20	I0020	Poly	0.02	0.081	-0.188	323.04	9.671	4	0.046345
21	I0021	Poly	-0.382	0.088	-0.417	321.15	3.528	4	0.473563
22	I0022	Poly	0.677	0.073	6.69	323.04	53.27	4	0
23	I0023	Poly	0.68	0.079	1.276	322.09	2.511	4	0.642606
24	I0024	Poly	0.448	0.077	0.016	322.09	5.35	4	0.253216
25	I0025	Poly	0.442	0.075	-0.51	322.09	5.342	4	0.253951
26	I0026	Poly	0.533	0.078	-1.966	320.2	8.342	4	0.079837
27	I0027	Poly	0.364	0.08	-1.95	320.2	10.466	4	0.033273
28	I0028	Poly	0.46	0.089	-1.752	316.41	21.153	4	0.000296
29	I0029	Poly	0.235	0.078	-0.13	319.25	3.565	4	0.468071
30	I0030	Poly	-0.064	0.087	-0.707	323.04	4.762	4	0.312609
31	I0031	Poly	-0.466	0.089	-1.637	322.09	7.53	4	0.110384
32	I0032	Poly	0.201	0.078	-0.192	318.3	3.319	4	0.505978
35	I0035	Poly	0.568	0.082	3.971	321.15	18.207	4	0.001126
37	I0037	Poly	-0.177	0.076	7.645	323.04	64.431	4	0

Figure 8B Threshold map (23 items animal)

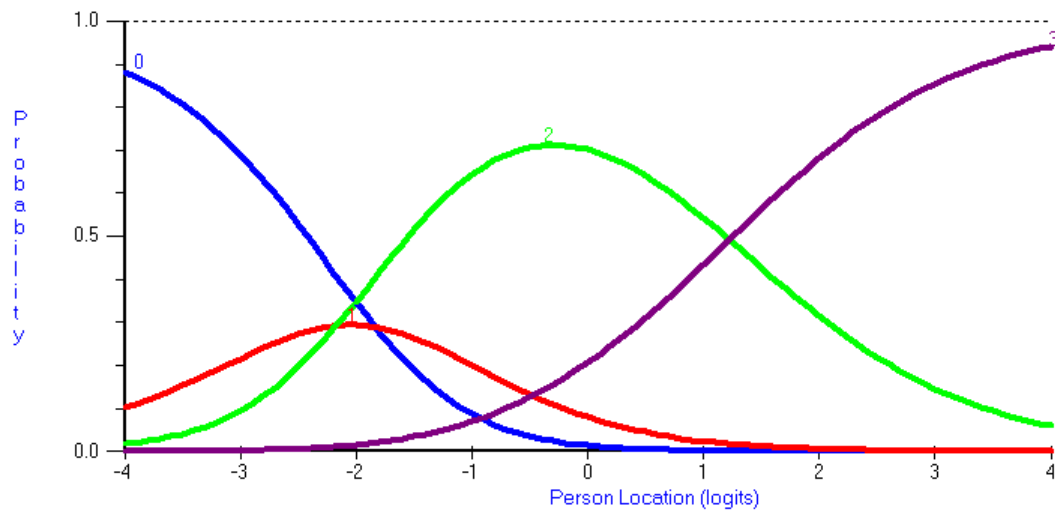


Figures 8Ca-8Cg Animal HCPs: Category probability plots for disordered items

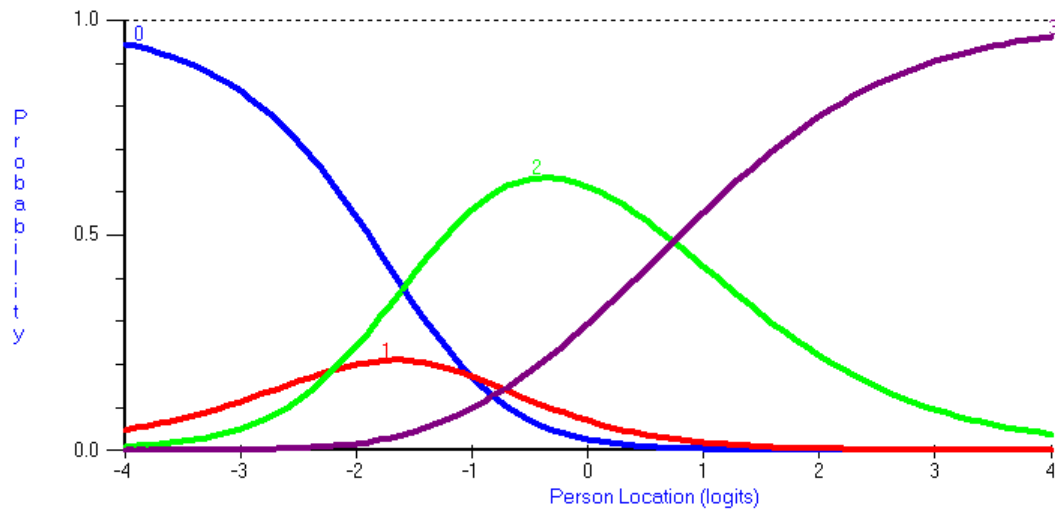
I0010 C10 microorganism resistant Locn = -0.691 Spread = 0.586 FitRes = 0.293 ChiSq[Pr] = 0.531 SampleN = 343



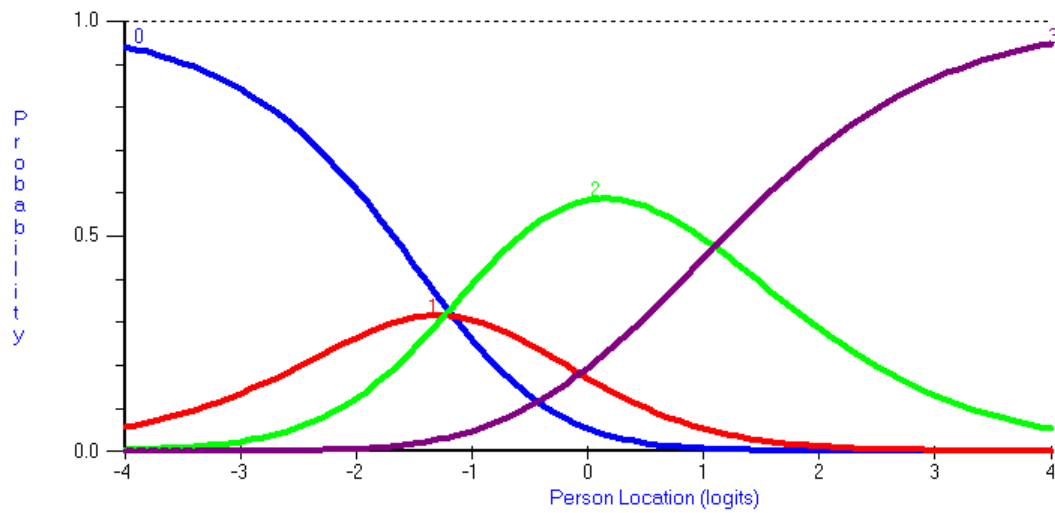
I0012 C12 microorganism can mutate Locn = -0.927 Spread = 0.766 FitRes = -0.860 ChiSq[Pr] = 0.172 SampleN = 343



I0015 D15 if courses interrupted Locn = -0.816 Spread = 0.436 FitRes = -1.694 ChiSq[Pr] = 0.003 SampleN = 343



I0017 D17 if lower than recommended Locn = -0.433 Spread = 0.566 FitRes = -1.612 ChiSq[Pr] = 0.341 SampleN = 343



I0027 E27 spread from livestock farm Locn = 0.364 Spread = 0.658 FitRes = -1.950 ChiSq[Pr] = 0.033 SampleN = 343

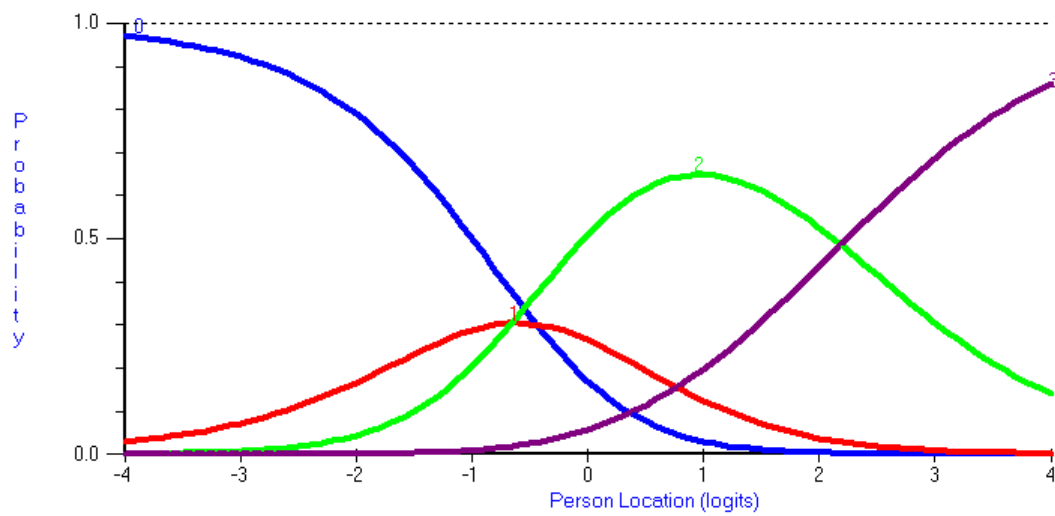


Table 8D. Residual correlations pairs >0.3 Animal HCP scale (23-item)

10/12	29/30
12/13	29/31
23/24	29/32
25/26	30/31
25/27	31/32
26/28	31/32
27/28	