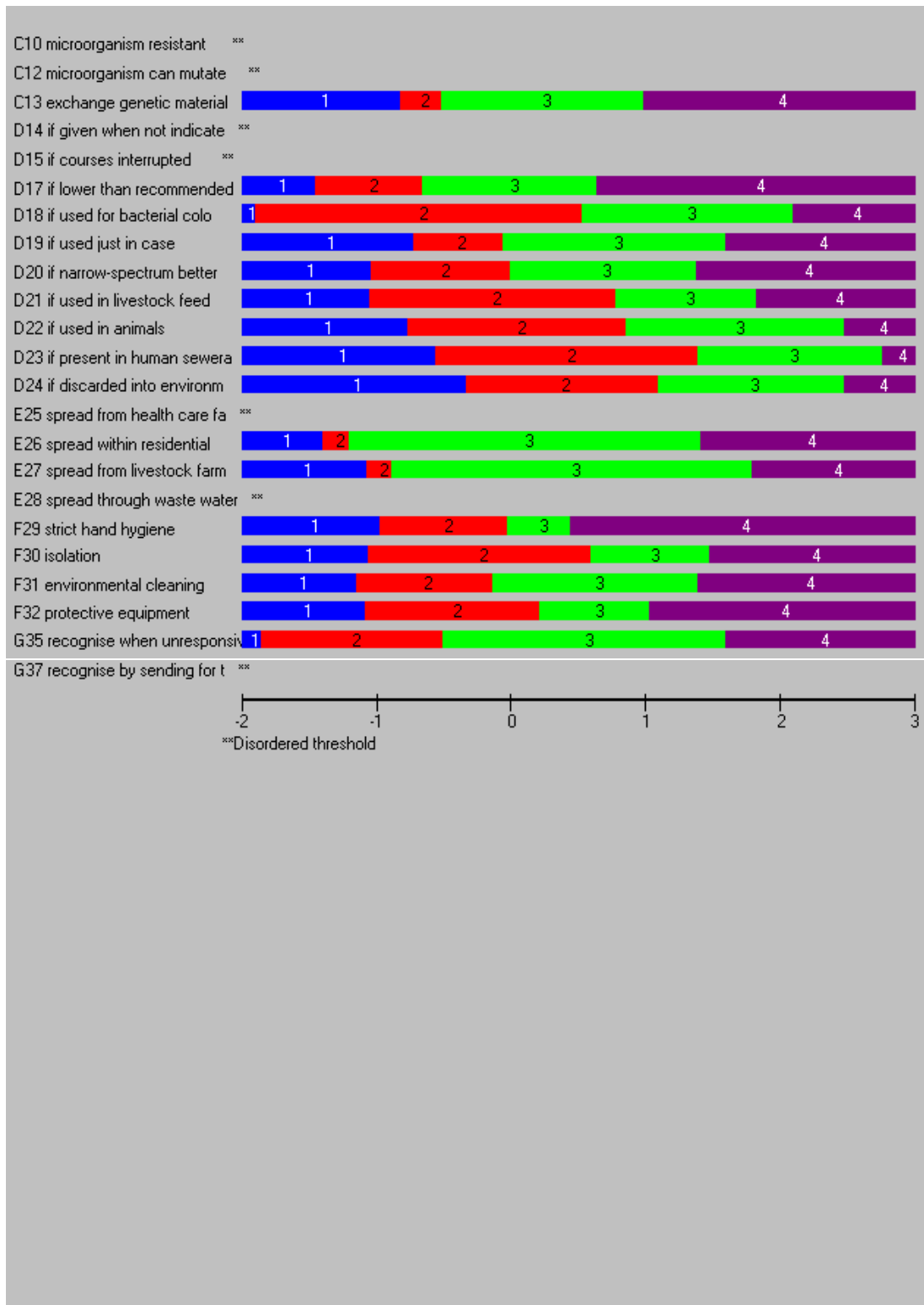


**Appendix 7. RMT Human HCPs Analysis Tables and Figures**

**Table 7A. Human HCPs scale. Item fit**

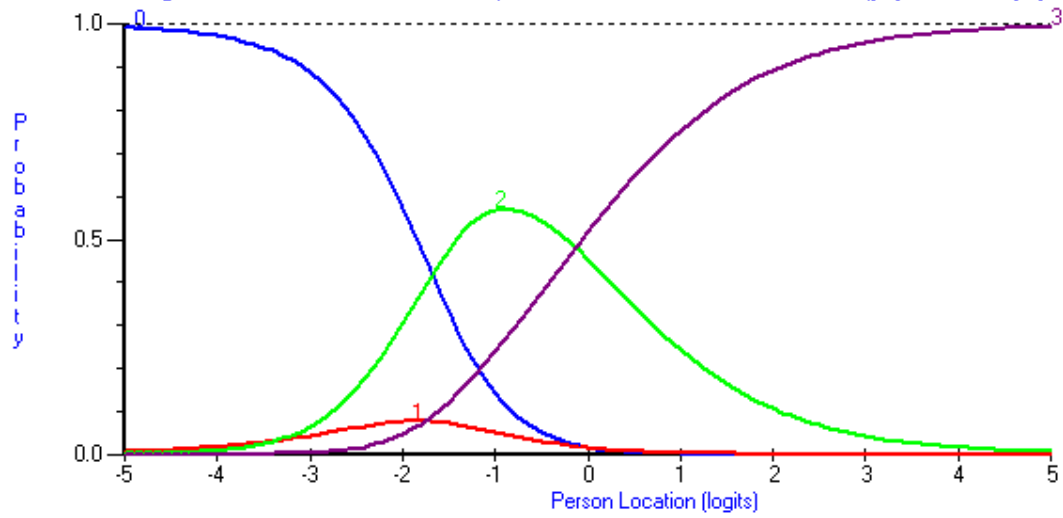
Seq	Item	Type	Location	SE	FitResid	DF	ChiSq	DF	Prob
10	I0010	Poly	-1.166	0.11	-1.168	319.84	8.004	5	0.156005
12	I0012	Poly	-0.673	0.088	0.301	318.9	6.943	5	0.224904
13	I0013	Poly	-0.118	0.075	0.167	314.16	3.531	5	0.618676
14	I0014	Poly	-0.124	0.073	0.004	313.22	3.455	5	0.630202
15	I0015	Poly	-0.522	0.086	-1.171	317.95	8.125	5	0.149477
17	I0017	Poly	-0.487	0.08	-0.619	316.06	9.193	5	0.101621
18	I0018	Poly	0.243	0.081	2.694	304.7	11.961	5	0.03533
19	I0019	Poly	0.272	0.073	2.376	313.22	6.954	5	0.224104
20	I0020	Poly	0.112	0.074	1.761	308.49	1.297	5	0.935203
21	I0021	Poly	0.518	0.074	-0.827	306.59	5.532	5	0.354479
22	I0022	Poly	0.857	0.076	1.145	304.7	8	5	0.156241
23	I0023	Poly	1.198	0.078	0.119	302.81	2.09	5	0.836567
24	I0024	Poly	1.079	0.073	1.555	306.59	8.035	5	0.154313
25	I0025	Poly	-0.662	0.085	-1.24	316.06	7.25	5	0.202691
26	I0026	Poly	-0.394	0.088	-0.5	313.22	5.057	5	0.40896
27	I0027	Poly	-0.053	0.085	-1.925	309.43	13.293	5	0.020782
28	I0028	Poly	0.189	0.076	-0.89	308.49	8.769	5	0.118641
29	I0029	Poly	-0.184	0.071	-1.353	316.06	8.83	5	0.116048
30	I0030	Poly	0.34	0.071	1.241	312.27	8.76	5	0.119009
31	I0031	Poly	0.034	0.075	-2.031	313.22	10.254	5	0.068359
32	I0032	Poly	0.055	0.071	-0.631	315.11	6.898	5	0.228314
35	I0035	Poly	-0.253	0.084	3.783	309.43	19.325	5	0.001672
37	I0037	Poly	-0.26	0.08	0.883	308.49	9.039	5	0.107522

**Figure 7B Threshold map (23 items human HCPs)**

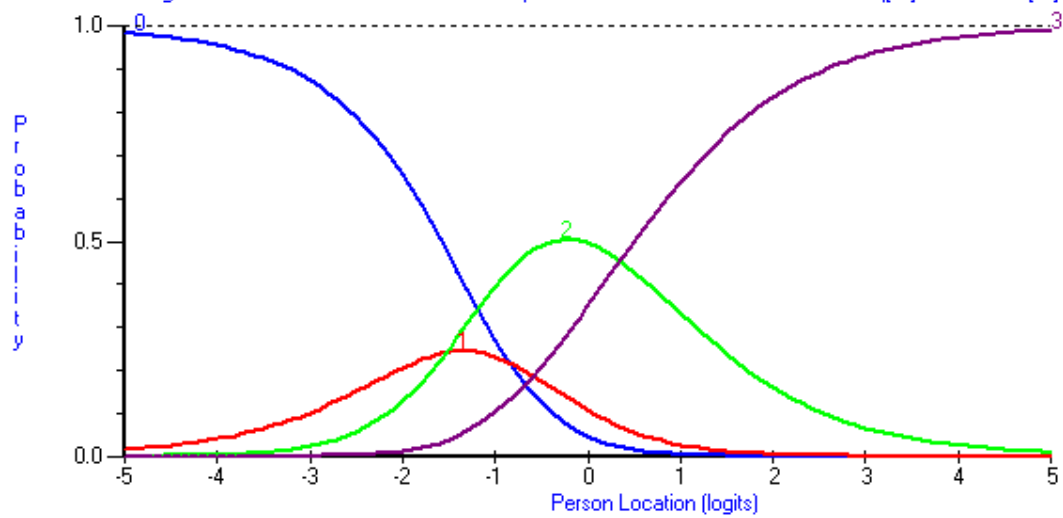


### Figures 7Ca-7Cg Human HCPs: Category probability plots for disordered items

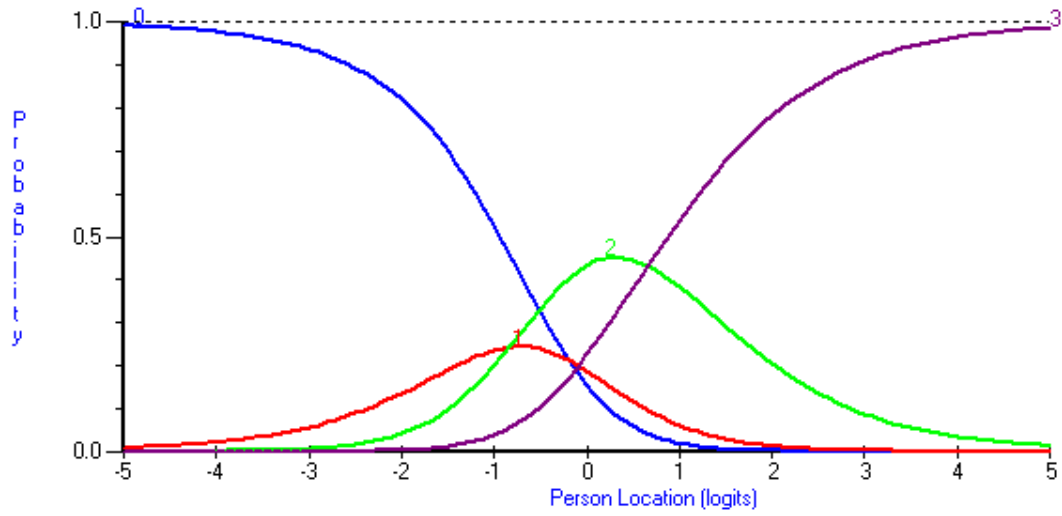
I0010 C10 microorganism resistant    Locn = -1.166    Spread = -0.038    FitRes = -1.168    ChiSq[Pr] = 0.156    F[Pr] = 0.115



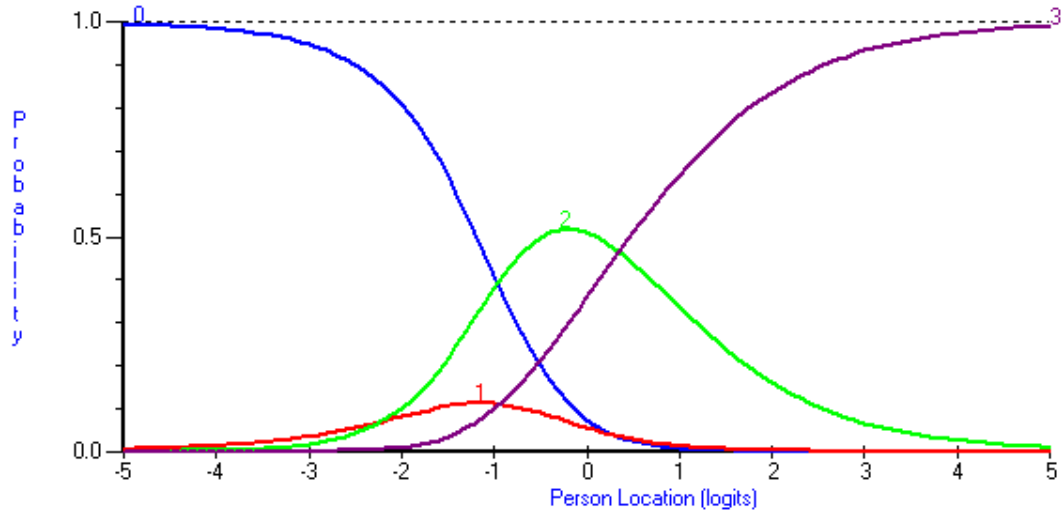
I0012 C12 microorganism can mutate    Locn = -0.673    Spread = 0.298    FitRes = 0.301    ChiSq[Pr] = 0.225    F[Pr] = 0.237



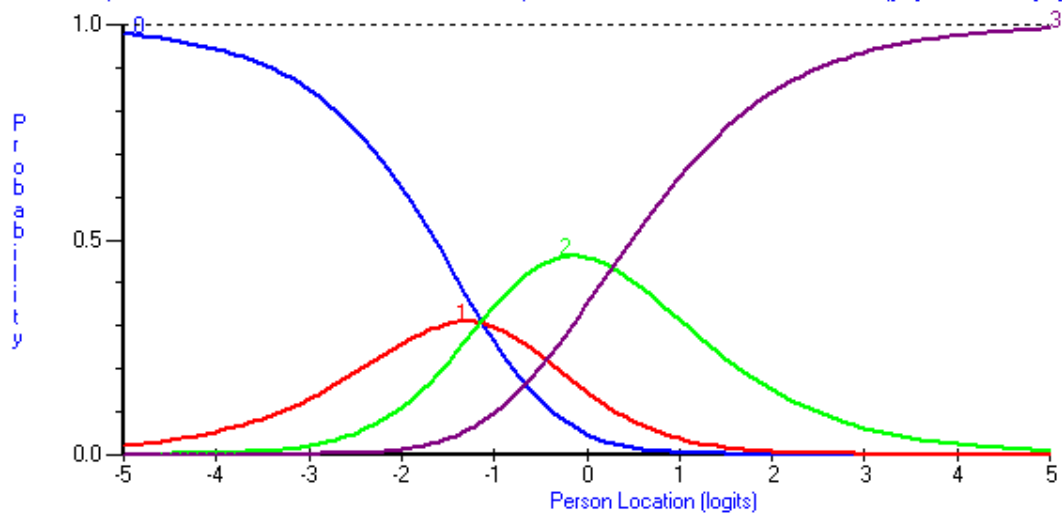
I0014 D14 if given when not indicate    Locn = -0.124    Spread = 0.213    FitRes = 0.004    ChiSq[Pr] = 0.630    F[Pr] = 0.678



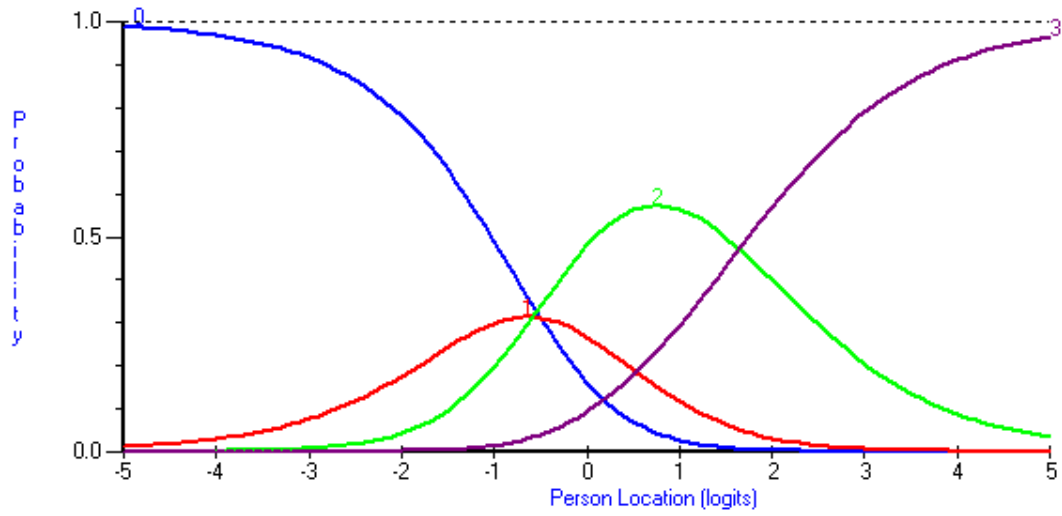
I0015 D15 if courses interrupted    Locn = -0.522    Spread = 0.012    FitRes = -1.171    ChiSq[Pr] = 0.149    F[Pr] = 0.093



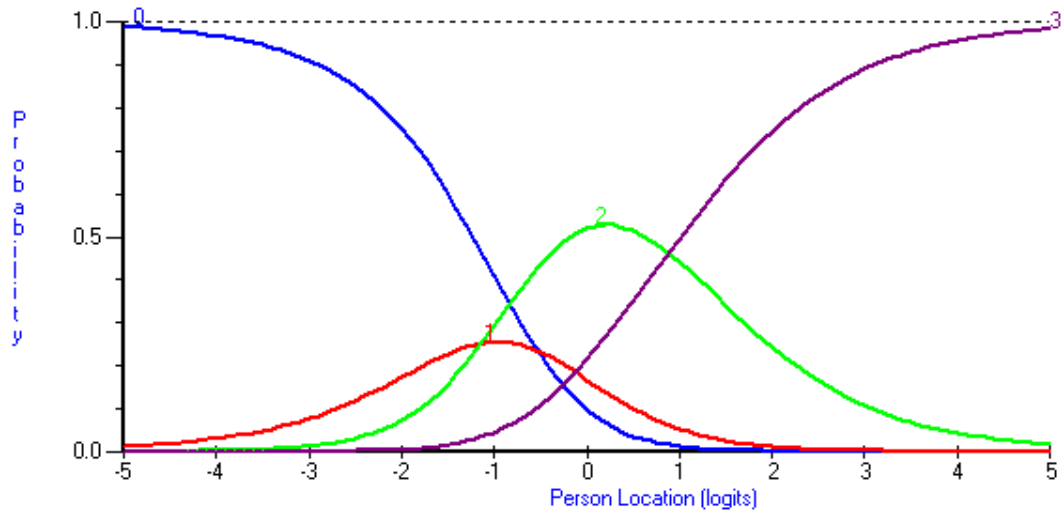
I0025 E25 spread from health care fa    Locn = -0.662    Spread = 0.348    FitRes = -1.240    ChiSq[Pr] = 0.203    F[Pr] = 0.154



10028 E28 spread through waste water    Lochn = 0.189    Spread = 0.538    FitRes = -0.890    ChiSq[Pr] = 0.119    F[Pr] = 0.085



10037 G37 recognise by sending for t    Lochn = -0.260    Spread = 0.353    FitRes = 0.883    ChiSq[Pr] = 0.108    F[Pr] = 0.158



**Table 7D. Residual correlations pairs >0.3**

12/13	27/28
15/17	29/30
21/22	29/31
22/23	29/32
22/24	30/31
23/24	31/32
25/26	31/32

