

Table1. Results of the proportional-odds cumulative logit model

	est	se	stat	p	lwr	upr
FP_Intercept_1	-2.21266	0.317059	-6.97872	2.98E-12	-2.83409	-1.59124
FP_Intercept_2	-0.40234	0.309276	-1.3009	0.193291	-1.00851	0.203831
FP_Intercept_3	0.282835	0.308896	0.915632	0.35986	-0.32259	0.88826
FP_Intercept_4	4.10355	0.351788	11.66483	1.93E-31	3.414058	4.793043
FP_Age2_1234	-0.24488	0.260754	-0.93913	0.347665	-0.75595	0.266187
FP_Age3_1234	-0.0655	0.261807	-0.25017	0.802456	-0.57863	0.447637
FP_Age4_1234	-0.02633	0.294812	-0.08932	0.928831	-0.60415	0.55149
RP2_var_Intercept_1234	4.235021	0.630612	6.715733	1.87E-11	2.999044	5.470997
RP1_bcons_1	1	0	Inf	0	1	1

Table2. Results of separate cumulative logit model

	est	se	stat	p	lwr	upr
FP_Intercept_1	-1.94676	0.394883	-4.92997	8.22E-07	-2.72072	-1.1728
FP_Intercept_2	-0.27844	0.345947	-0.80485	0.420904	-0.95648	0.399607
FP_Intercept_3	-0.03469	0.344038	-0.10082	0.919692	-0.70899	0.639616
FP_Intercept_4	4.289146	0.695776	6.16455	7.07E-10	2.92545	5.652842
FP_Age2_1	-0.25662	0.381702	-0.6723	0.501395	-1.00474	0.491506
FP_Age2_2	-0.45119	0.31719	-1.42247	0.15489	-1.07287	0.170488
FP_Age2_3	-0.04151	0.312922	-0.13267	0.894457	-0.65483	0.571801
FP_Age2_4	-0.43295	0.699989	-0.6185	0.536243	-1.8049	0.939007
FP_Age3_1	-0.59994	0.380708	-1.57584	0.11506	-1.34611	0.146238
FP_Age3_2	-0.06108	0.315325	-0.19372	0.8464	-0.67911	0.556941
FP_Age3_3	0.418232	0.313752	1.333004	0.18253	-0.19671	1.033174
FP_Age3_4	-0.34471	0.716847	-0.48088	0.63061	-1.74971	1.060281
FP_Age4_1	-0.22933	0.428836	-0.53477	0.59281	-1.06983	0.611175
FP_Age4_2	-0.37029	0.359273	-1.03065	0.3027	-1.07445	0.333876
FP_Age4_3	0.33903	0.357613	0.948035	0.34311	-0.36188	1.03994
FP_Age4_4	-0.02306	0.797986	-0.0289	0.97694	-1.58709	1.54096
RP2_var_Intercept_1234	4.236465	0.631524	6.708316	1.97E-11	2.9987	5.474231
RP1_bcons_1	1	0	Inf	0	1	1

Table3. Results of linearHypothesis

	chisq	Pr(>chisq)
FP_Age2_1234	6.311407	0.097404
FP_Age3_1234	11.96574	0.0075
FP_Age4_1234	9.438055	0.024