

S7: Assessment of model quality of the multinomial regression analysis

Statistics for model adaption		
Criterion	Constants only	Constants and covariates
AIC	1561.621	1048.277
SC	1570.891	1113.162
-2 LOG L	1557.621	1020.277

R square	0.5064	Max- newly scaled R square	0.5815
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Test – global null hypothesis: BETA=0			
Test	Chi-square	DF	Pr > ChiSq
Likelihood ratio	537.3440	12	<.0001
Score	406.5291	12	<.0001
Wald	247.0930	12	<.0001

Pearson correlation coefficients, N = 761						
Domain	D1	D2	D3	D4	D5	D6
D1	1.000	0.554	0.589	0.544	0.371	0.416
D22	0.554	1.000	0.670	0.492	0.534	0.435
D33	0.589	0.670	1.000	0.571	0.484	0.564
D44	0.544	0.492	0.571	1.000	0.448	0.370
D55	0.371	0.534	0.484	0.448	1.000	0.427
D6	0.416	0.435	0.564	0.370	0.427	1.000