Summary of Regression Coefficients for Ratio Model

Tim Ballard

12/5/2018

Change in DISCRIMINABILITY from pre to post

Note: discriminability is calculated as the drift rate for the correct response minus the drift rate for the incorrect response.

ANODAL

	lower	mean	upper
intercept	1.073	1.484	1.903
gender (1=f,-1=m)	-0.482	-0.196	0.081
age	-0.280	-0.004	0.277
task pairing 2	-1.332	-0.712	-0.093
task pairing 3	-1.942	-1.340	-0.747
PFC greymatter	-0.533	-0.254	0.011
ratio	-0.313	-0.037	0.239

CATHODAL

	lower	mean	upper
intercept	-0.617	-0.369	-0.121
gender (1=f,-1=m)	-0.340	-0.156	0.026
age	0.049	0.225	0.405
task pairing 2	1.117	1.507	1.927
task pairing 3	0.970	1.349	1.746
PFC greymatter	-0.260	-0.087	0.093
ratio	-0.344	-0.164	0.010

SHAM

	lower	mean	upper
intercept	0.797	1.074	1.366
gender (1=f,-1=m)	-0.363	-0.172	0.022
age	-0.069	0.121	0.307
task pairing 2	-1.797	-1.369	-0.970
task pairing 3	-0.737	-0.318	0.102
PFC greymatter	-0.303	-0.110	0.077
ratio	-0.292	-0.112	0.064

ANODAL VS SHAM

	lower	mean	upper
intercept	-0.069	0.410	0.904
gender (1=f,-1=m)	-0.357	-0.024	0.309
age	-0.457	-0.125	0.195
task pairing 2	-0.074	0.657	1.411
task pairing 3	-1.765	-1.022	-0.357
PFC greymatter	-0.472	-0.144	0.178
ratio	-0.246	0.074	0.392

CATHODAL VS SHAM

	lower	mean	upper
intercept	-1.802	-1.444	-1.078
gender (1=f,-1=m)	-0.238	0.016	0.269
age	-0.142	0.104	0.349
task pairing 2	2.321	2.876	3.488
task pairing 3	1.140	1.666	2.204
PFC greymatter	-0.225	0.024	0.275
ratio	-0.282	-0.052	0.185

Change in THRESHOLD from pre to post

Note: discriminability is calculated as the drift rate for the correct response minus the drift rate for the incorrect response.

ANODAL

	lower	mean	upper
intercept	0.259	0.457	0.670
gender (1=f,-1=m)	-0.258	-0.118	0.023
age	-0.123	0.012	0.147
task pairing 2	-0.639	-0.336	-0.046
task pairing 3	-0.515	-0.216	0.073
PFC greymatter	-0.246	-0.107	0.033
ratio	-0.217	-0.076	0.061

CATHODAL

	lower	mean	upper
intercept	0.009	0.151	0.297
gender (1=f,-1=m)	-0.151	-0.051	0.054
age	0.014	0.116	0.221
task pairing 2	-0.019	0.203	0.427
task pairing 3	-0.110	0.107	0.324
PFC greymatter	-0.144	-0.039	0.068
ratio	-0.160	-0.063	0.033

SHAM

	lower	mean	upper
intercept	0.092	0.248	0.412
gender (1=f,-1=m)	-0.161	-0.052	0.064
age	-0.047	0.058	0.160
task pairing 2	-0.384	-0.150	0.076
task pairing 3	-0.341	-0.121	0.106
PFC greymatter	-0.200	-0.092	0.017
ratio	-0.169	-0.066	0.036

ANODAL VS SHAM

	lower	mean	upper
intercept	-0.028	0.210	0.454
gender (1=f,-1=m)	-0.231	-0.066	0.105
age	-0.213	-0.047	0.116
task pairing 2	-0.553	-0.186	0.159
task pairing 3	-0.447	-0.096	0.247
PFC greymatter	-0.192	-0.015	0.159
ratio	-0.176	-0.010	0.154

CATHODAL VS SHAM

	lower	mean	upper
intercept	-0.305	-0.097	0.108
gender (1=f,-1=m)	-0.148	0.001	0.143
age	-0.082	0.058	0.201
task pairing 2	0.050	0.353	0.659
task pairing 3	-0.075	0.228	0.533
PFC greymatter	-0.091	0.053	0.197
ratio	-0.134	0.003	0.139