Summary of Regression Coefficients for Glutamate Model

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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	1.042	1.453	1.898
gender (1=f,-1=m)	-0.484	-0.194	0.087
age	-0.286	-0.021	0.242
task pairing 2	-1.299	-0.659	-0.030
task pairing 3	-1.910	-1.322	-0.752
PFC greymatter	-0.488	-0.227	0.046
glutamte	-0.365	-0.106	0.153

CATHODAL

	lower	mean	upper
intercept	-0.614	-0.377	-0.126
gender (1=f,-1=m)	-0.311	-0.133	0.052
age	0.015	0.195	0.370
task pairing 2	1.118	1.532	1.956
task pairing 3	0.937	1.341	1.760
PFC greymatter	-0.227	-0.049	0.130
glutamte	-0.113	0.056	0.225

SHAM

	lower	mean	upper
intercept	0.794	1.066	1.360
gender (1=f,-1=m)	-0.338	-0.155	0.033
age	-0.067	0.111	0.288
task pairing 2	-1.764	-1.355	-0.967
task pairing 3	-0.700	-0.314	0.096
PFC greymatter	-0.265	-0.096	0.077
glutamte	-0.037	0.125	0.290

ANODAL VS SHAM

	lower	mean	upper
intercept	-0.082	0.387	0.863
gender (1=f,-1=m)	-0.363	-0.039	0.293
age	-0.432	-0.132	0.181
task pairing 2	-0.015	0.696	1.452
task pairing 3	-1.686	-1.008	-0.364
PFC greymatter	-0.441	-0.131	0.186
glutamte	-0.525	-0.231	0.063

CATHODAL VS SHAM

	lower	mean	upper
intercept	-1.823	-1.442	-1.067
gender (1=f,-1=m)	-0.219	0.022	0.257
age	-0.154	0.084	0.327
task pairing 2	2.324	2.888	3.473
task pairing 3	1.124	1.655	2.190
PFC greymatter	-0.188	0.046	0.292
glutamte	-0.295	-0.069	0.159

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	0.239	0.437	0.650
gender (1=f,-1=m)	-0.248	-0.110	0.028
age	-0.144	-0.012	0.124
task pairing 2	-0.576	-0.280	0.011
task pairing 3	-0.501	-0.202	0.097
PFC greymatter	-0.205	-0.073	0.059
glutamte	-0.196	-0.069	0.059

CATHODAL

	lower	mean	upper
intercept	0.008	0.143	0.281
gender (1=f,-1=m)	-0.141	-0.041	0.058
age	0.000	0.101	0.205
task pairing 2	0.003	0.224	0.455
task pairing 3	-0.106	0.109	0.318

	lower	mean	upper
PFC greymatter	-0.118	-0.021	0.085
glutamte	-0.086	0.009	0.103

SHAM

	lower	mean	upper
intercept	0.092	0.240	0.405
gender (1=f,-1=m)	-0.144	-0.042	0.067
age	-0.052	0.051	0.151
task pairing 2	-0.368	-0.135	0.092
task pairing 3	-0.340	-0.118	0.115
PFC greymatter	-0.182	-0.081	0.021
glutamte	-0.033	0.061	0.150

ANODAL VS SHAM

	lower	mean	upper
intercept	-0.050	0.198	0.439
gender (1=f,-1=m)	-0.238	-0.068	0.101
age	-0.225	-0.063	0.100
task pairing 2	-0.504	-0.145	0.212
task pairing 3	-0.437	-0.084	0.292
PFC greymatter	-0.157	0.008	0.165
glutamte	-0.280	-0.130	0.021

CATHODAL VS SHAM

	lower	mean	upper
intercept	-0.294	-0.097	0.094
gender (1=f,-1=m)	-0.144	0.000	0.147
age	-0.082	0.050	0.189
task pairing 2	0.063	0.360	0.671
task pairing 3	-0.065	0.227	0.527
PFC greymatter	-0.074	0.060	0.197
glutamte	-0.176	-0.052	0.070