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	0.929	1.514	2.114
gender (1=f,-1=m)	-0.671	-0.276	0.128
age	-0.443	-0.062	0.318
task pairing 2	-1.566	-0.676	0.228
task pairing 3	-2.001	-1.165	-0.293
PFC greymatter	-0.776	-0.394	-0.020
ratio	-0.561	-0.187	0.199

CATHODAL

	lower	mean	upper
intercept	-0.551	-0.238	0.092
gender (1=f,-1=m)	-0.346	-0.106	0.125
age	0.022	0.261	0.512
task pairing 2	0.789	1.291	1.836
task pairing 3	0.538	1.045	1.573
PFC greymatter	-0.367	-0.131	0.110
ratio	-0.044	0.177	0.391

SHAM

	lower	mean	upper
intercept	0.670	1.123	1.585
gender (1=f,-1=m)	-0.562	-0.232	0.071
age	-0.115	0.190	0.515
task pairing 2	-1.948	-1.273	-0.585
task pairing 3	-1.081	-0.406	0.244
PFC greymatter	-0.479	-0.181	0.123
ratio	-0.160	0.132	0.427

ANODAL VS SHAM

	lower	mean	upper
intercept	-0.317	0.391	1.146
gender (1=f,-1=m)	-0.541	-0.044	0.471
age	-0.766	-0.252	0.241
task pairing 2	-0.486	0.597	1.684
task pairing 3	-1.836	-0.759	0.283
PFC greymatter	-0.690	-0.213	0.265
ratio	-0.801	-0.319	0.140

CATHODAL VS SHAM

	lower	mean	upper
intercept	-1.912	-1.361	-0.817
gender (1=f,-1=m)	-0.268	0.126	0.516
age	-0.306	0.072	0.455
task pairing 2	1.729	2.564	3.382
task pairing 3	0.616	1.451	2.249
PFC greymatter	-0.322	0.049	0.409
ratio	-0.313	0.046	0.401

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	0.037	0.184	0.335
gender (1=f,-1=m)	-0.186	-0.080	0.024
age	-0.125	-0.028	0.071
task pairing 2	-0.404	-0.168	0.058
task pairing 3	-0.162	0.053	0.279
PFC greymatter	-0.172	-0.069	0.036
ratio	-0.144	-0.050	0.045

CATHODAL

	lower	mean	upper
intercept	0.116	0.227	0.340
gender (1=f,-1=m)	-0.076	-0.001	0.078
age	-0.006	0.071	0.148
task pairing 2	-0.312	-0.136	0.038
task pairing 3	-0.378	-0.206	-0.027

	lower	mean	upper
PFC greymatter	-0.084	-0.008	0.067
ratio	-0.050	0.025	0.100

SHAM

	lower	mean	upper
intercept	-0.060	0.061	0.194
gender (1=f,-1=m)	-0.119	-0.032	0.056
age	-0.047	0.038	0.127
task pairing 2	-0.082	0.118	0.309
task pairing 3	-0.266	-0.079	0.114
PFC greymatter	-0.158	-0.072	0.014
ratio	-0.048	0.032	0.109

ANODAL VS SHAM

	lower	mean	upper
intercept	-0.069	0.123	0.315
gender (1=f,-1=m)	-0.182	-0.048	0.084
age	-0.194	-0.066	0.060
task pairing 2	-0.583	-0.286	0.004
task pairing 3	-0.150	0.133	0.426
PFC greymatter	-0.124	0.004	0.136
ratio	-0.203	-0.082	0.042

CATHODAL VS SHAM

	lower	mean	upper
intercept	-0.004	0.166	0.333
gender (1=f,-1=m)	-0.082	0.032	0.149
age	-0.080	0.033	0.145
task pairing 2	-0.508	-0.254	0.002
task pairing 3	-0.369	-0.127	0.121
PFC greymatter	-0.047	0.064	0.172
ratio	-0.110	-0.008	0.103