Summary of Regression Coefficients for GABA 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	1.078	1.460	1.855
gender (1=f,-1=m)	-0.510	-0.227	0.051
age	-0.261	-0.001	0.255
task pairing 2	-1.280	-0.690	-0.120
task pairing 3	-1.911	-1.324	-0.744
PFC greymatter	-0.540	-0.272	-0.022
gaba	-0.402	-0.157	0.086

CATHODAL

	lower	mean	upper
intercept	-0.628	-0.383	-0.132
gender (1=f,-1=m)	-0.336	-0.149	0.032
age	0.008	0.189	0.374
task pairing 2	1.150	1.559	2.001
task pairing 3	0.972	1.351	1.744
PFC greymatter	-0.242	-0.059	0.126
gaba	-0.264	-0.098	0.074

SHAM

	lower	mean	upper
intercept	0.759	1.051	1.352
gender (1=f,-1=m)	-0.337	-0.144	0.043
age	-0.080	0.098	0.281
task pairing 2	-1.738	-1.311	-0.905
task pairing 3	-0.703	-0.302	0.110
PFC greymatter	-0.242	-0.063	0.119
gaba	-0.120	0.052	0.224

ANODAL VS SHAM

	lower	mean	upper
intercept	-0.035	0.409	0.856
gender (1=f,-1=m)	-0.402	-0.083	0.230
age	-0.402	-0.099	0.199
task pairing 2	-0.052	0.621	1.297
task pairing 3	-1.679	-1.022	-0.360
PFC greymatter	-0.520	-0.209	0.094
gaba	-0.502	-0.209	0.076

CATHODAL VS SHAM

	lower	mean	upper
intercept	-1.824	-1.434	-1.062
gender (1=f,-1=m)	-0.261	-0.005	0.249
age	-0.148	0.091	0.334
task pairing 2	2.296	2.870	3.485
task pairing 3	1.097	1.653	2.197
PFC greymatter	-0.239	0.005	0.250
gaba	-0.390	-0.150	0.086

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	0.256	0.448	0.642
gender (1=f,-1=m)	-0.273	-0.137	-0.003
age	-0.119	0.005	0.126
task pairing 2	-0.593	-0.315	-0.037
task pairing 3	-0.488	-0.210	0.064
PFC greymatter	-0.234	-0.113	0.013
gaba	-0.268	-0.156	-0.042

CATHODAL

	lower	mean	upper
intercept	0.007	0.146	0.287
gender (1=f,-1=m)	-0.154	-0.048	0.055
age	0.003	0.099	0.202
task pairing 2	0.010	0.224	0.455
task pairing 3	-0.096	0.109	0.330
PFC greymatter	-0.126	-0.027	0.071
gaba	-0.141	-0.047	0.046

SHAM

	lower	mean	upper
intercept	0.082	0.232	0.383
gender (1=f,-1=m)	-0.149	-0.038	0.068
age	-0.059	0.044	0.148
task pairing 2	-0.340	-0.112	0.117
task pairing 3	-0.342	-0.112	0.116
PFC greymatter	-0.165	-0.066	0.038
gaba	-0.078	0.018	0.111

ANODAL VS SHAM

	lower	mean	upper
intercept	-0.007	0.216	0.453
gender (1=f,-1=m)	-0.270	-0.099	0.068
age	-0.184	-0.038	0.110
task pairing 2	-0.554	-0.203	0.132
task pairing 3	-0.435	-0.098	0.231
PFC greymatter	-0.199	-0.046	0.111
gaba	-0.312	-0.175	-0.027

CATHODAL VS SHAM

	lower	mean	upper
intercept	-0.288	-0.086	0.110
gender (1=f,-1=m)	-0.153	-0.010	0.130
age	-0.081	0.055	0.195
task pairing 2	0.035	0.336	0.646
task pairing 3	-0.067	0.221	0.526
PFC greymatter	-0.098	0.039	0.174
gaba	-0.192	-0.065	0.060