

Table 1: Hypergeometric test probabilities - Column 1: Number of positive correlations in the 500 most strongly correlated genes compared to the number expected given the proportion of positive correlations in the full sample of genes. Column 2: Number of positive correlations in the genes unique to each brain area (within the top 500 most strongly COMT-correlated genes) compared to the number of positive correlations expected given the proportion of positive correlations in the full sample of genes.

	Pos. r in top 500 genes	Pos. r in genes unique to each area
Prefrontal	3.26e-38	5.01e-01
Cerebellum	6.54e-75	1.25e-14
Temporal	5.73e-106	3.78e-28
Pons	3.13e-108	2.08e-39