

Table 1: Chi-square summaries testing the hypothesis that the distribution of the number of the 200 most strongly *COMT* – correlated genes across chromosomes reflects the overall proportions of genes per chromosome in the complete sample.

Area	Sign	Chi-square	df	p
Prefrontal Cortex	positive	28.874	22	0.148498
	negative	55.650	22	0.000096
Cerebellum	positive	20.969	22	0.522650
	negative	23.545	22	0.371543
Temporal Cerebral Wall	positive	30.493	22	0.106974
	negative	51.252	22	0.000396
Pons	positive	21.150	22	0.511472
	negative	24.481	22	0.322543