

Table 1: Rank order correlations, ρ , between the expression level correlations for genes shared between pairs of brain areas. The determination of which genes were "shared" between pairs of brain areas was restricted to the 500 most strongly *COMT* – correlated genes in each brain area.

Comparison	n ^a	ρ	p
PFCtx <i>vs.</i> Cereb	120	0.510	2.63×10^{-9} ^b
PFCtx <i>vs.</i> TemCtx	254	0.544	$< 10^{-9}$
PFCtx <i>vs.</i> Pons	114	0.460	2.61×10^{-7}
Cereb <i>vs.</i> TemCtx	109	0.399	1.71×10^{-5}
Cereb <i>vs.</i> Pons	208	0.428	$< 10^{-9}$
TemCtx <i>vs.</i> Pons	113	0.472	1.31×10^{-7}

^a Number of genes in common between the two sets of the 500 most strongly *COMT* – correlated genes in the two brain areas being compared.

^b Bonferroni – corrected p value = 8.3×10^{-3}