Supplementary table 1: One sample t-test related to the grey matter variability lateralisation in humans. Sig. (2-tailed) indicates uncorrected values and Bonferroni corresponds to Bonferroni corrected statistics (45 comparisons). ant.: anterior, mid.: middle, med.: medial, post.: posterior, sup.: superior, inf.: inferior, l.: lobule, g.: gyrus, SMA: supplementary motor area, oper.: opercularis, triang.: triangularis.

		t	df	Sig. (2-tailed)	Bonferroni
FRONTAL	Operculum	-1.362	19	0.189	1
	Precentral g.	-0.084	19	0.934	1
	SMA	0.124	19	0.903	1
	Superior g.	-3.661	19	0.002	0.075
	Middle g.	-2.625	19	0.017	0.750
	Pars oper.	-2.569	19	0.019	0.845
	Pars triang.	-1.083	19	0.293	1
	Orbital	-0.110	19	0.914	1
	Pole	-1.175	19	0.255	1
PARIETAL	Operculum	-2.578	19	0.018	0.830
	Postcentral g.	-3.614	19	0.002	0.083
	Precuneus	-2.247	19	0.037	1
	Superior Parietal l.	-1.286	19	0.214	1
	Supramarginal g. ant.	-0.418	19	0.681	1
	Supramarginal g. pos.	-1.346	19	0.194	1
	Angular g.	-2.122	19	0.047	1
TEMPORAL	Heschl's g.	-3.879	19	0.001	0.045
	Planum	0.064	19	0.950	1
	Planum Polare	0.944	19	0.357	1
	Superior g. ant.	-5.190	19	0.000	0.002
	Superior g. post.	-4.798	19	0.000	0.006
	Middle g. ant.	-4.978	19	0.000	0.004
	Middle g. mid.	-5.650	19	0.000	0.001
	Middle g. post.	-2.079	19	0.051	1
	Inferior g. ant.	-0.575	19	0.572	1
	Inferior g. mid.	-2.016	19	0.058	1
	Inferior g. post.	-3.032	19	0.007	0.308
	Fusiform ant.	-3.368	19	0.003	0.145
	Fusiform mid.	-2.698	19	0.014	0.641
	Fusiform pos.	2.188	19	0.041	1
	Pole	0.898	19	0.380	1
LIMBIC	Subcallosal	1.963	19	0.064	1
	Parahippocampal g. ant.	2.348	19	0.030	1
	Parahippocampal g. post.	2.393	19	0.027	1
	Paracingulate	5.204	19	0.000	0.002
	Cingulate g. ant.	-1.344	19	0.195	1
	Cingulate g. post.	0.256	19	0.801	1
OCCIPITAL	Supracalcarine	3.744	19	0.001	0.062
	Intracalcarine	3.402	19	0.003	0.135
	Cuneal Cortex	3.025	19	0.007	0.314
	Lateral sup.	2.342	19	0.030	1
	Lateral inf.	3.114	19	0.006	0.257
	Lingual	4.861	19	0.000	0.005
	Fusiform g.	-3.063	19	0.006	0.288
	Insular	-2.021	19	0.058	1