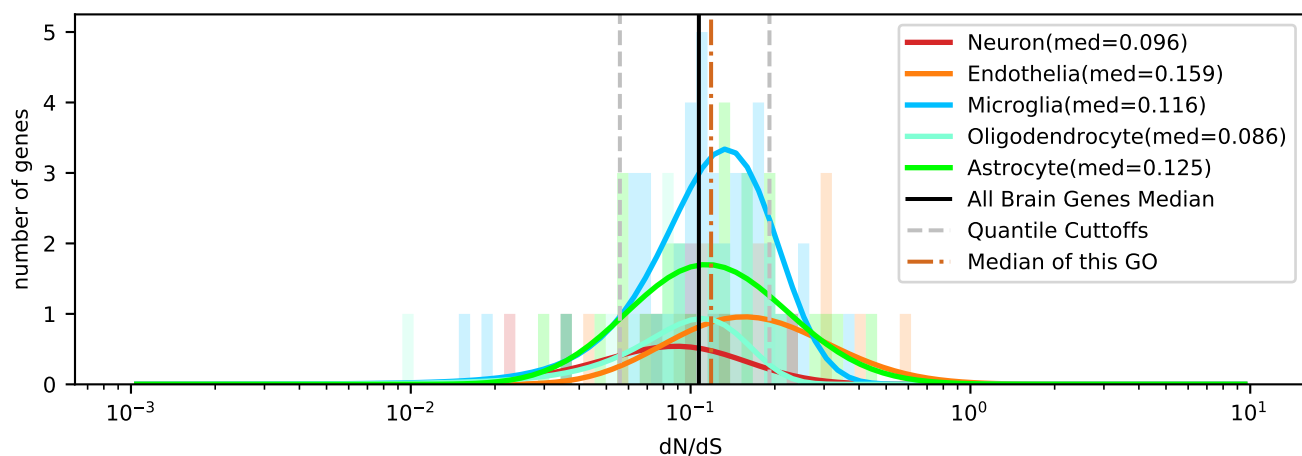


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to cofactor metabolic process



	< cutoff	other genes	Total
In Astrocyte	3 (3.21)	27 (26.79)	30
Not IN Astrocyte	9 (8.79)	73 (73.21)	82
Total	12	100	112

chi2: 0.039, p: 0.8437442443, OR: 0.90123

	> cutoff	other genes	Total
In Astrocyte	6 (4.82)	24 (25.18)	30
Not IN Astrocyte	12 (13.18)	70 (68.82)	82
Total	18	94	112

chi2: 0.155, p: 0.6934077535, OR: 1.45833

	< cutoff	other genes	Total
In Microglia	3 (4.71)	41 (39.29)	44
Not IN Microglia	9 (7.29)	59 (60.71)	68
Total	12	100	112

chi2: 0.577, p: 0.4475025603, OR: 0.47967

	> cutoff	other genes	Total
In Microglia	5 (7.07)	39 (36.93)	44
Not IN Microglia	13 (10.93)	55 (57.07)	68
Total	18	94	112

chi2: 0.685, p: 0.4077672743, OR: 0.54241

	< cutoff	other genes	Total
In Oligodendrocyte	2 (1.29)	10 (10.71)	12
Not IN Oligodendrocyte	10 (10.71)	90 (89.29)	100
Total	12	100	112

chi2: 0.045, p: 0.8323722146, OR: 1.80000

	> cutoff	other genes	Total
In Oligodendrocyte	0 (1.93)	12 (10.07)	12
Not IN Oligodendrocyte	18 (16.07)	82 (83.93)	100
Total	18	94	112

chi2: 1.412, p: 0.2347022048, OR: 0.00000

	< cutoff	other genes	Total
In Neuron	3 (0.96)	6 (8.04)	9
Not IN Neuron	9 (11.04)	94 (91.96)	103
Total	12	100	112

chi2: 2.979, p: 0.0843715978, OR: 5.22222

	> cutoff	other genes	Total
In Neuron	1 (1.45)	8 (7.55)	9
Not IN Neuron	17 (16.55)	86 (86.45)	103
Total	18	94	112

chi2: 0.003, p: 0.9595634365, OR: 0.63235

	< cutoff	other genes	Total
In Endothelia	1 (1.82)	16 (15.18)	17
Not IN Endothelia	11 (10.18)	84 (84.82)	95
Total	12	100	112

chi2: 0.075, p: 0.7843346343, OR: 0.47727

	> cutoff	other genes	Total
In Endothelia	6 (2.73)	11 (14.27)	17
Not IN Endothelia	12 (15.27)	83 (79.73)	95
Total	18	94	112

chi2: 3.939, p: 0.0471832554, OR: 3.77273