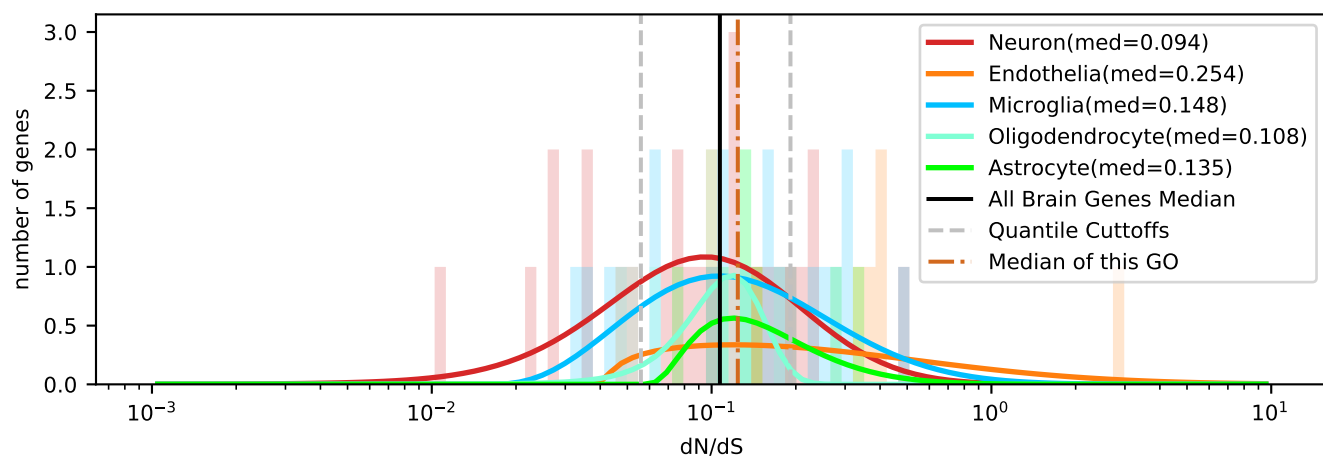


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to mitochondrion organization



	< cutoff	other genes	Total
In Astrocyte	0 (1.32)	7 (5.68)	7
Not IN Astrocyte	13 (11.68)	49 (50.32)	62
Total	13	56	69

chi2: 0.697, p: 0.4037437287, OR: 0.00000

	> cutoff	other genes	Total
In Astrocyte	2 (1.83)	5 (5.17)	7
Not IN Astrocyte	16 (16.17)	46 (45.83)	62
Total	18	51	69

chi2: 0.088, p: 0.7671524380, OR: 1.15000

	< cutoff	other genes	Total
In Microglia	4 (3.77)	16 (16.23)	20
Not IN Microglia	9 (9.23)	40 (39.77)	49
Total	13	56	69

chi2: 0.033, p: 0.8556333123, OR: 1.11111

	> cutoff	other genes	Total
In Microglia	6 (5.22)	14 (14.78)	20
Not IN Microglia	12 (12.78)	37 (36.22)	49
Total	18	51	69

chi2: 0.029, p: 0.8644005376, OR: 1.32143

	< cutoff	other genes	Total
In Oligodendrocyte	1 (1.51)	7 (6.49)	8
Not IN Oligodendrocyte	12 (11.49)	49 (49.51)	61
Total	13	56	69

chi2: 0.000, p: 0.9944402470, OR: 0.58333

	> cutoff	other genes	Total
In Oligodendrocyte	0 (2.09)	8 (5.91)	8
Not IN Oligodendrocyte	18 (15.91)	43 (45.09)	61
Total	18	51	69

chi2: 1.847, p: 0.1741585313, OR: 0.00000

	< cutoff	other genes	Total
In Neuron	7 (4.52)	17 (19.48)	24
Not IN Neuron	6 (8.48)	39 (36.52)	45
Total	13	56	69

chi2: 1.635, p: 0.2009913475, OR: 2.67647

	> cutoff	other genes	Total
In Neuron	5 (6.26)	19 (17.74)	24
Not IN Neuron	13 (11.74)	32 (33.26)	45
Total	18	51	69

chi2: 0.192, p: 0.6614034491, OR: 0.64777

	< cutoff	other genes	Total
In Endothelia	1 (1.88)	9 (8.12)	10
Not IN Endothelia	12 (11.12)	47 (47.88)	59
Total	13	56	69

chi2: 0.113, p: 0.7369645210, OR: 0.43519

	> cutoff	other genes	Total
In Endothelia	5 (2.61)	5 (7.39)	10
Not IN Endothelia	13 (15.39)	46 (43.61)	59
Total	18	51	69

chi2: 2.170, p: 0.1407647874, OR: 3.53846