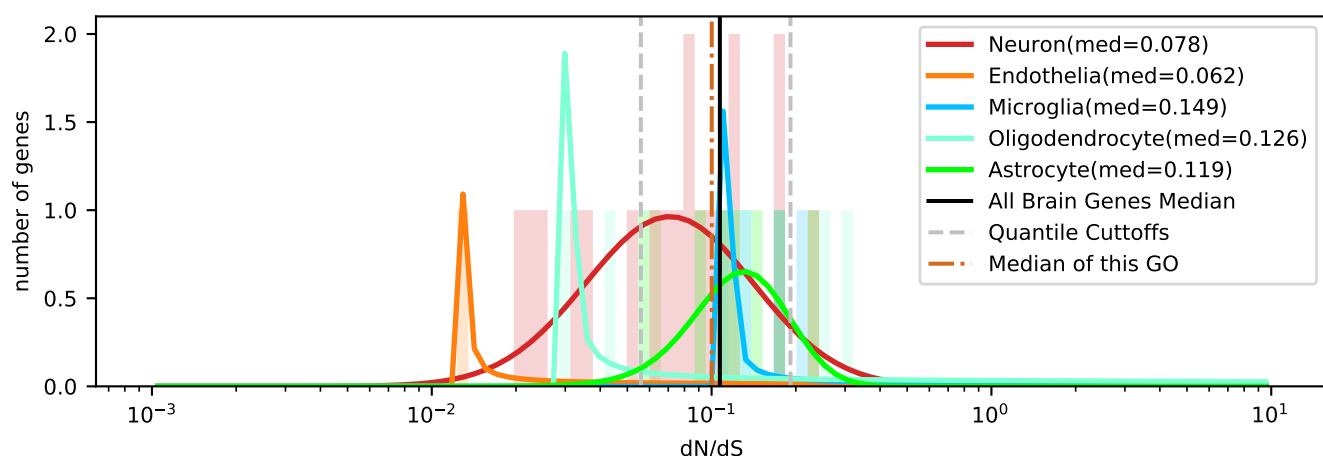


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to cytoskeleton-dependent intracellular transport



	< cutoff	other genes	Total
In Astrocyte	0 (1.62)	7 (5.38)	7
Not IN Astrocyte	9 (7.38)	23 (24.62)	32
Total	9	30	39

chi2: 1.220, p: 0.2693212303, OR: 0.00000

	> cutoff	other genes	Total
In Astrocyte	1 (0.90)	6 (6.10)	7
Not IN Astrocyte	4 (4.10)	28 (27.90)	32
Total	5	34	39

chi2: 0.246, p: 0.6198671302, OR: 1.16667

	< cutoff	other genes	Total
In Microglia	0 (0.92)	4 (3.08)	4
Not IN Microglia	9 (8.08)	26 (26.92)	35
Total	9	30	39

chi2: 0.281, p: 0.5961166029, OR: 0.00000

	> cutoff	other genes	Total
In Microglia	1 (0.51)	3 (3.49)	4
Not IN Microglia	4 (4.49)	31 (30.51)	35
Total	5	34	39

chi2: 0.000, p: 0.9838517956, OR: 2.58333

	< cutoff	other genes	Total
In Oligodendrocyte	2 (1.62)	5 (5.38)	7
Not IN Oligodendrocyte	7 (7.38)	25 (24.62)	32
Total	9	30	39

chi2: 0.013, p: 0.9090223661, OR: 1.42857

	> cutoff	other genes	Total
In Oligodendrocyte	2 (0.90)	5 (6.10)	7
Not IN Oligodendrocyte	3 (4.10)	29 (27.90)	32
Total	5	34	39

chi2: 0.566, p: 0.4520158046, OR: 3.86667

	< cutoff	other genes	Total
In Neuron	6 (4.15)	12 (13.85)	18
Not IN Neuron	3 (4.85)	18 (16.15)	21
Total	9	30	39

chi2: 1.053, p: 0.3047618940, OR: 3.00000

	> cutoff	other genes	Total
In Neuron	1 (2.31)	17 (15.69)	18
Not IN Neuron	4 (2.69)	17 (18.31)	21
Total	5	34	39

chi2: 0.602, p: 0.4377376176, OR: 0.25000

	< cutoff	other genes	Total
In Endothelia	1 (0.69)	2 (2.31)	3
Not IN Endothelia	8 (8.31)	28 (27.69)	36
Total	9	30	39

chi2: 0.075, p: 0.7838667032, OR: 1.75000

	> cutoff	other genes	Total
In Endothelia	0 (0.38)	3 (2.62)	3
Not IN Endothelia	5 (4.62)	31 (31.38)	36
Total	5	34	39

chi2: 0.043, p: 0.8356975845, OR: 0.00000