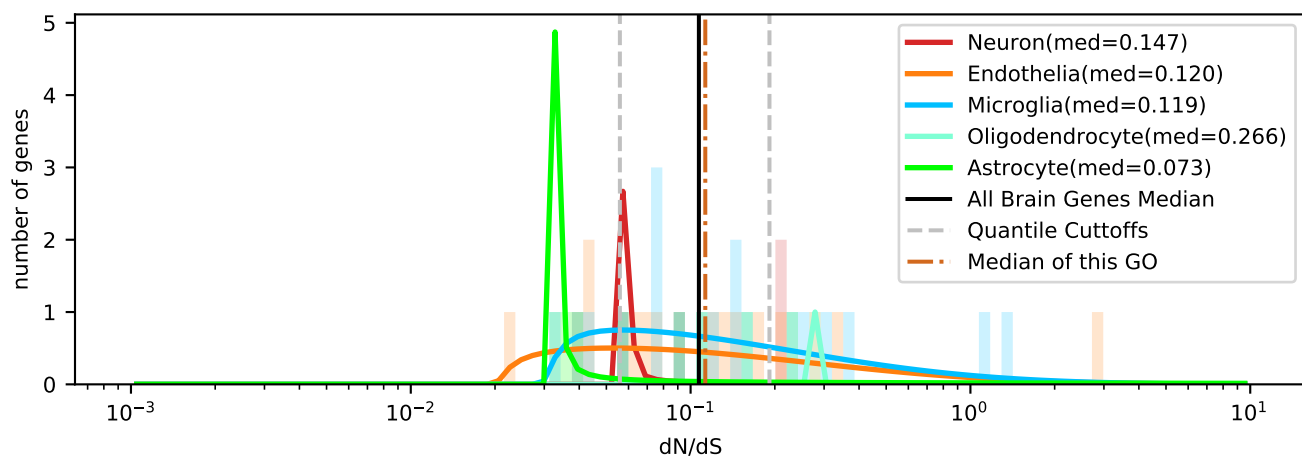


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to aging



	< cutoff	other genes	Total
In Astrocyte	3 (1.70)	5 (6.30)	8
Not IN Astrocyte	7 (8.30)	32 (30.70)	39
Total	10	37	47

chi2: 0.573, p: 0.4492522677, OR: 2.74286

	> cutoff	other genes	Total
In Astrocyte	1 (2.38)	7 (5.62)	8
Not IN Astrocyte	13 (11.62)	26 (27.38)	39
Total	14	33	47

chi2: 0.562, p: 0.4536316926, OR: 0.28571

	< cutoff	other genes	Total
In Microglia	3 (4.04)	16 (14.96)	19
Not IN Microglia	7 (5.96)	21 (22.04)	28
Total	10	37	47

chi2: 0.155, p: 0.6935567855, OR: 0.56250

	> cutoff	other genes	Total
In Microglia	6 (5.66)	13 (13.34)	19
Not IN Microglia	8 (8.34)	20 (19.66)	28
Total	14	33	47

chi2: 0.011, p: 0.9173970735, OR: 1.15385

	< cutoff	other genes	Total
In Oligodendrocyte	0 (0.21)	1 (0.79)	1
Not IN Oligodendrocyte	10 (9.79)	36 (36.21)	46
Total	10	37	47

chi2: 0.503, p: 0.4780643953, OR: 0.00000

	> cutoff	other genes	Total
In Oligodendrocyte	1 (0.30)	0 (0.70)	1
Not IN Oligodendrocyte	13 (13.70)	33 (32.30)	46
Total	14	33	47

chi2: 0.200, p: 0.6550495820, OR: inf

	< cutoff	other genes	Total
In Neuron	0 (0.85)	4 (3.15)	4
Not IN Neuron	10 (9.15)	33 (33.85)	43
Total	10	37	47

chi2: 0.201, p: 0.6538629149, OR: 0.00000

	> cutoff	other genes	Total
In Neuron	2 (1.19)	2 (2.81)	4
Not IN Neuron	12 (12.81)	31 (30.19)	43
Total	14	33	47

chi2: 0.124, p: 0.7243582564, OR: 2.58333

	< cutoff	other genes	Total
In Endothelia	4 (3.19)	11 (11.81)	15
Not IN Endothelia	6 (6.81)	26 (25.19)	32
Total	10	37	47

chi2: 0.056, p: 0.8135239625, OR: 1.57576

	> cutoff	other genes	Total
In Endothelia	4 (4.47)	11 (10.53)	15
Not IN Endothelia	10 (9.53)	22 (22.47)	32
Total	14	33	47

chi2: 0.000, p: 0.9825777546, OR: 0.80000