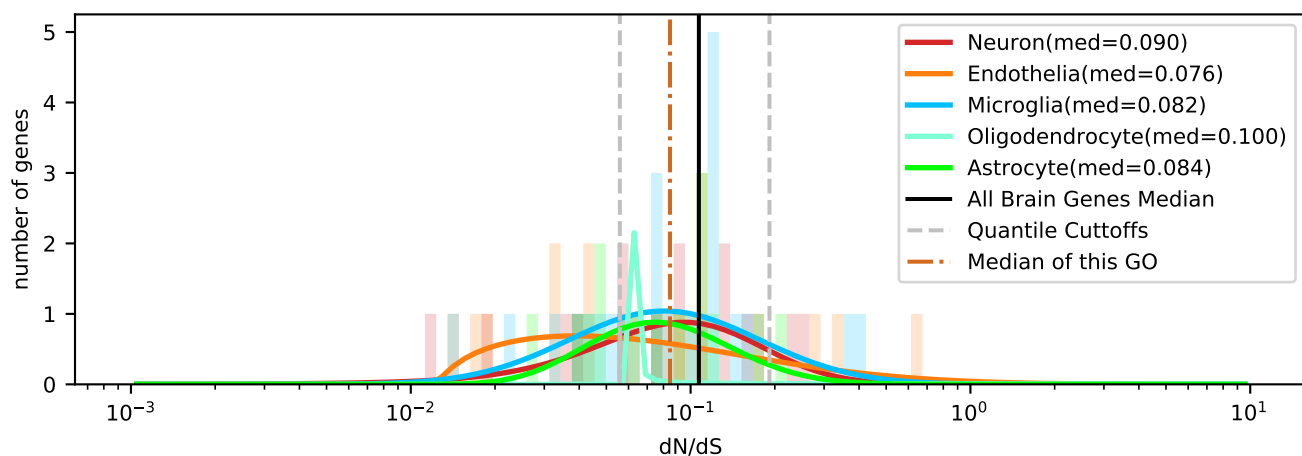


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to translation



	< cutoff	other genes	Total
In Astrocyte	5 (4.67)	9 (9.33)	14
Not IN Astrocyte	20 (20.33)	41 (40.67)	61
Total	25	50	75

chi2: 0.011, p: 0.9165545330, OR: 1.13889

	> cutoff	other genes	Total
In Astrocyte	1 (1.49)	13 (12.51)	14
Not IN Astrocyte	7 (6.51)	54 (54.49)	61
Total	8	67	75

chi2: 0.000, p: 0.9948934639, OR: 0.59341

	< cutoff	other genes	Total
In Microglia	7 (7.33)	15 (14.67)	22
Not IN Microglia	18 (17.67)	35 (35.33)	53
Total	25	50	75

chi2: 0.008, p: 0.9285512296, OR: 0.90741

	> cutoff	other genes	Total
In Microglia	2 (2.35)	20 (19.65)	22
Not IN Microglia	6 (5.65)	47 (47.35)	53
Total	8	67	75

chi2: 0.016, p: 0.8997488588, OR: 0.78333

	< cutoff	other genes	Total
In Oligodendrocyte	0 (1.00)	3 (2.00)	3
Not IN Oligodendrocyte	25 (24.00)	47 (48.00)	72
Total	25	50	75

chi2: 0.391, p: 0.5319710581, OR: 0.00000

	> cutoff	other genes	Total
In Oligodendrocyte	0 (0.32)	3 (2.68)	3
Not IN Oligodendrocyte	8 (7.68)	64 (64.32)	72
Total	8	67	75

chi2: 0.118, p: 0.7311459497, OR: 0.00000

	< cutoff	other genes	Total
In Neuron	5 (5.67)	12 (11.33)	17
Not IN Neuron	20 (19.33)	38 (38.67)	58
Total	25	50	75

chi2: 0.010, p: 0.9223217455, OR: 0.79167

	> cutoff	other genes	Total
In Neuron	2 (1.81)	15 (15.19)	17
Not IN Neuron	6 (6.19)	52 (51.81)	58
Total	8	67	75

chi2: 0.078, p: 0.7795172655, OR: 1.15556

	< cutoff	other genes	Total
In Endothelia	8 (6.33)	11 (12.67)	19
Not IN Endothelia	17 (18.67)	39 (37.33)	56
Total	25	50	75

chi2: 0.432, p: 0.5111347158, OR: 1.66845

	> cutoff	other genes	Total
In Endothelia	3 (2.03)	16 (16.97)	19
Not IN Endothelia	5 (5.97)	51 (50.03)	56
Total	8	67	75

chi2: 0.166, p: 0.6839313259, OR: 1.91250