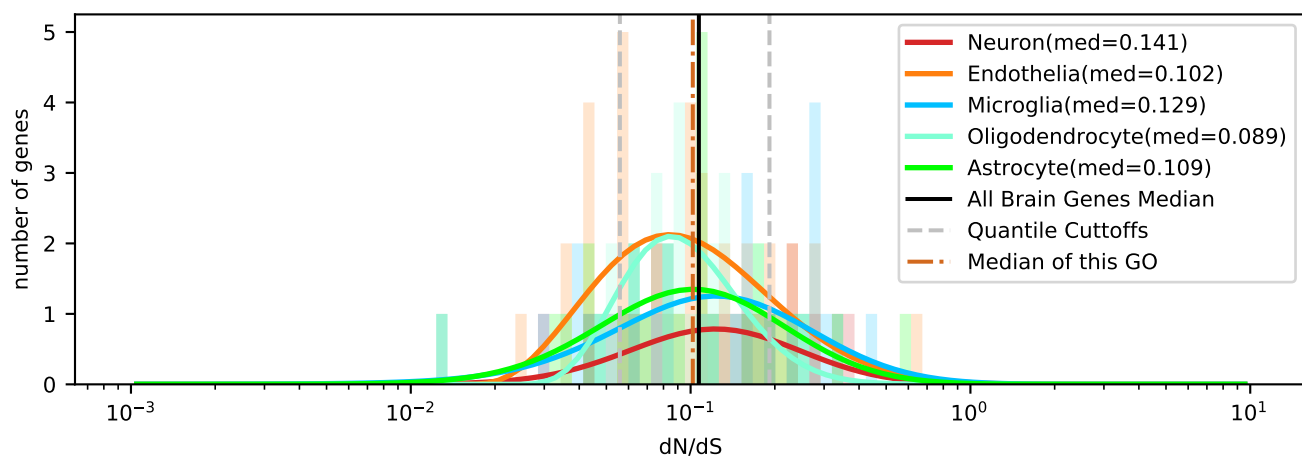


# Five Celltypes Distribution of Average dN/dS Scores of Genes Related to extracellular matrix organization



	< cutoff	other genes	Total
In Astrocyte	7 (5.64)	21 (22.36)	28
Not IN Astrocyte	21 (22.36)	90 (88.64)	111
Total	28	111	139

chi2: 0.205, p: 0.6503262878, OR: 1.42857

	> cutoff	other genes	Total
In Astrocyte	5 (5.84)	23 (22.16)	28
Not IN Astrocyte	24 (23.16)	87 (87.84)	111
Total	29	110	139

chi2: 0.032, p: 0.8588371466, OR: 0.78804

	< cutoff	other genes	Total
In Microglia	7 (5.64)	21 (22.36)	28
Not IN Microglia	21 (22.36)	90 (88.64)	111
Total	28	111	139

chi2: 0.205, p: 0.6503262878, OR: 1.42857

	> cutoff	other genes	Total
In Microglia	9 (5.84)	19 (22.16)	28
Not IN Microglia	20 (23.16)	91 (87.84)	111
Total	29	110	139

chi2: 1.914, p: 0.1665049378, OR: 2.15526

	< cutoff	other genes	Total
In Oligodendrocyte	4 (5.44)	23 (21.56)	27
Not IN Oligodendrocyte	24 (22.56)	88 (89.44)	112
Total	28	111	139

chi2: 0.252, p: 0.6157628084, OR: 0.63768

	> cutoff	other genes	Total
In Oligodendrocyte	2 (5.63)	25 (21.37)	27
Not IN Oligodendrocyte	27 (23.37)	85 (88.63)	112
Total	29	110	139

chi2: 2.733, p: 0.0983026142, OR: 0.25185

	< cutoff	other genes	Total
In Neuron	2 (3.02)	13 (11.98)	15
Not IN Neuron	26 (24.98)	98 (99.02)	124
Total	28	111	139

chi2: 0.126, p: 0.7222096343, OR: 0.57988

	> cutoff	other genes	Total
In Neuron	4 (3.13)	11 (11.87)	15
Not IN Neuron	25 (25.87)	99 (98.13)	124
Total	29	110	139

chi2: 0.062, p: 0.8031551311, OR: 1.44000

	< cutoff	other genes	Total
In Endothelia	8 (8.26)	33 (32.74)	41
Not IN Endothelia	20 (19.74)	78 (78.26)	98
Total	28	111	139

chi2: 0.012, p: 0.9110095532, OR: 0.94545

	> cutoff	other genes	Total
In Endothelia	9 (8.55)	32 (32.45)	41
Not IN Endothelia	20 (20.45)	78 (77.55)	98
Total	29	110	139

chi2: 0.001, p: 0.9802955524, OR: 1.09688