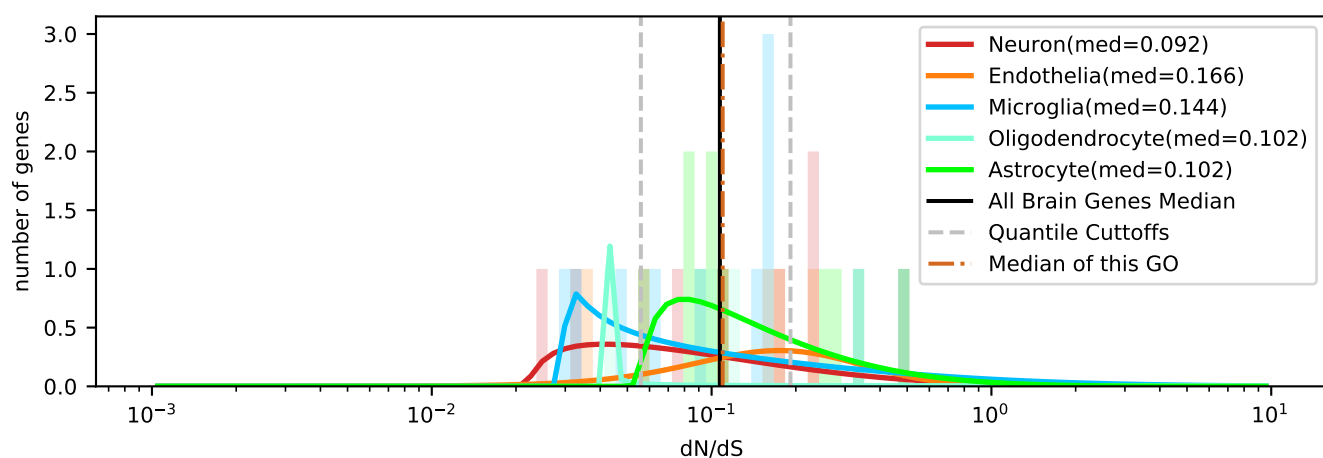


# Five Celltypes Distribution of Average dN/dS Scores of Genes Related to mitotic nuclear division



	< cutoff	other genes	Total
In Astrocyte	0 (2.26)	11 (8.74)	11
Not IN Astrocyte	8 (5.74)	20 (22.26)	28
Total	8	31	39

chi2: 2.396, p: 0.1216645907, OR: 0.00000

	> cutoff	other genes	Total
In Astrocyte	4 (2.82)	7 (8.18)	11
Not IN Astrocyte	6 (7.18)	22 (20.82)	28
Total	10	29	39

chi2: 0.307, p: 0.5797586079, OR: 2.09524

	< cutoff	other genes	Total
In Microglia	3 (2.26)	8 (8.74)	11
Not IN Microglia	5 (5.74)	23 (22.26)	28
Total	8	31	39

chi2: 0.046, p: 0.8300310292, OR: 1.72500

	> cutoff	other genes	Total
In Microglia	2 (2.82)	9 (8.18)	11
Not IN Microglia	8 (7.18)	20 (20.82)	28
Total	10	29	39

chi2: 0.068, p: 0.7939406959, OR: 0.55556

	< cutoff	other genes	Total
In Oligodendrocyte	1 (0.62)	2 (2.38)	3
Not IN Oligodendrocyte	7 (7.38)	29 (28.62)	36
Total	8	31	39

chi2: 0.029, p: 0.8636619455, OR: 2.07143

	> cutoff	other genes	Total
In Oligodendrocyte	0 (0.77)	3 (2.23)	3
Not IN Oligodendrocyte	10 (9.23)	26 (26.77)	36
Total	10	29	39

chi2: 0.137, p: 0.7109956682, OR: 0.00000

	< cutoff	other genes	Total
In Neuron	3 (1.64)	5 (6.36)	8
Not IN Neuron	5 (6.36)	26 (24.64)	31
Total	8	31	39

chi2: 0.712, p: 0.3989050617, OR: 3.12000

	> cutoff	other genes	Total
In Neuron	2 (2.05)	6 (5.95)	8
Not IN Neuron	8 (7.95)	23 (23.05)	31
Total	10	29	39

chi2: 0.166, p: 0.6836284608, OR: 0.95833

	< cutoff	other genes	Total
In Endothelia	1 (1.23)	5 (4.77)	6
Not IN Endothelia	7 (6.77)	26 (26.23)	33
Total	8	31	39

chi2: 0.088, p: 0.7672969797, OR: 0.74286

	> cutoff	other genes	Total
In Endothelia	2 (1.54)	4 (4.46)	6
Not IN Endothelia	8 (8.46)	25 (24.54)	33
Total	10	29	39

chi2: 0.002, p: 0.9688167465, OR: 1.56250