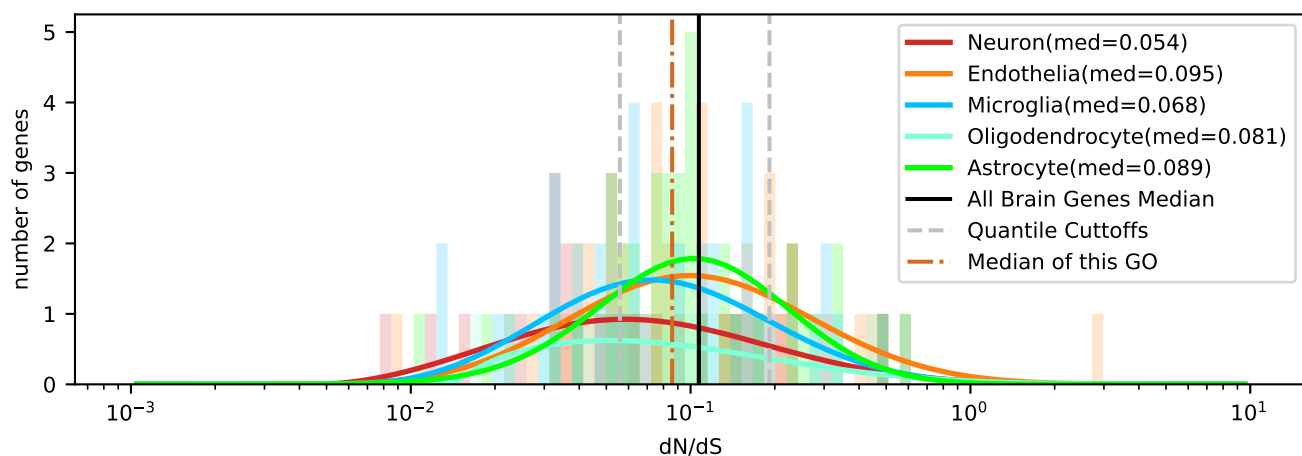


# Five Celltypes Distribution of Average dN/dS Scores of Genes Related to mitotic cell cycle



	< cutoff	other genes	Total
In Astrocyte	7 (12.35)	31 (25.65)	38
Not IN Astrocyte	45 (39.65)	77 (82.35)	122
Total	52	108	160

chi2: 3.701, p: 0.0543926956, OR: 0.38638

	> cutoff	other genes	Total
In Astrocyte	8 (7.36)	30 (30.64)	38
Not IN Astrocyte	23 (23.64)	99 (98.36)	122
Total	31	129	160

chi2: 0.004, p: 0.9484684677, OR: 1.14783

	< cutoff	other genes	Total
In Microglia	13 (12.03)	24 (24.98)	37
Not IN Microglia	39 (39.98)	84 (83.03)	123
Total	52	108	160

chi2: 0.036, p: 0.8491880612, OR: 1.16667

	> cutoff	other genes	Total
In Microglia	5 (7.17)	32 (29.83)	37
Not IN Microglia	26 (23.83)	97 (99.17)	123
Total	31	129	160

chi2: 0.627, p: 0.4285553040, OR: 0.58293

	< cutoff	other genes	Total
In Oligodendrocyte	7 (5.53)	10 (11.47)	17
Not IN Oligodendrocyte	45 (46.48)	98 (96.53)	143
Total	52	108	160

chi2: 0.285, p: 0.5933097989, OR: 1.52444

	> cutoff	other genes	Total
In Oligodendrocyte	3 (3.29)	14 (13.71)	17
Not IN Oligodendrocyte	28 (27.71)	115 (115.29)	143
Total	31	129	160

chi2: 0.018, p: 0.8934998920, OR: 0.88010

	< cutoff	other genes	Total
In Neuron	15 (8.78)	12 (18.23)	27
Not IN Neuron	37 (43.23)	96 (89.78)	133
Total	52	108	160

chi2: 6.657, p: 0.0098775661, OR: 3.24324

	> cutoff	other genes	Total
In Neuron	5 (5.23)	22 (21.77)	27
Not IN Neuron	26 (25.77)	107 (107.23)	133
Total	31	129	160

chi2: 0.021, p: 0.8858710047, OR: 0.93531

	< cutoff	other genes	Total
In Endothelia	10 (13.32)	31 (27.68)	41
Not IN Endothelia	42 (38.67)	77 (80.33)	119
Total	52	108	160

chi2: 1.193, p: 0.2747260886, OR: 0.59140

	> cutoff	other genes	Total
In Endothelia	10 (7.94)	31 (33.06)	41
Not IN Endothelia	21 (23.06)	98 (95.94)	119
Total	31	129	160

chi2: 0.508, p: 0.4758166027, OR: 1.50538