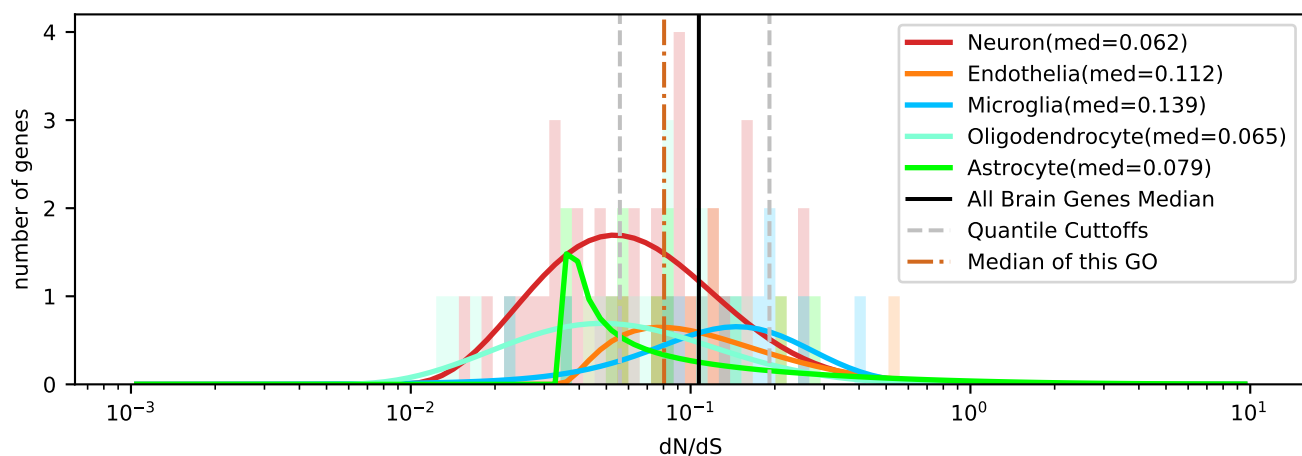


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to regulation_of_cell_size



	< cutoff	other genes	Total
In Astrocyte	5 (4.06)	6 (6.94)	11
Not IN Astrocyte	26 (26.94)	47 (46.06)	73
Total	31	53	84

chi2: 0.087, p: 0.7678159397, OR: 1.50641

	> cutoff	other genes	Total
In Astrocyte	2 (1.31)	9 (9.69)	11
Not IN Astrocyte	8 (8.69)	65 (64.31)	73
Total	10	74	84

chi2: 0.036, p: 0.8491265062, OR: 1.80556

	< cutoff	other genes	Total
In Microglia	2 (4.43)	10 (7.57)	12
Not IN Microglia	29 (26.57)	43 (45.43)	72
Total	31	53	84

chi2: 1.553, p: 0.2127001865, OR: 0.29655

	> cutoff	other genes	Total
In Microglia	3 (1.43)	9 (10.57)	12
Not IN Microglia	7 (8.57)	65 (63.43)	72
Total	10	74	84

chi2: 1.064, p: 0.3022616690, OR: 3.09524

	< cutoff	other genes	Total
In Oligodendrocyte	7 (5.90)	9 (10.10)	16
Not IN Oligodendrocyte	24 (25.10)	44 (42.90)	68
Total	31	53	84

chi2: 0.117, p: 0.7317871648, OR: 1.42593

	> cutoff	other genes	Total
In Oligodendrocyte	1 (1.90)	15 (14.10)	16
Not IN Oligodendrocyte	9 (8.10)	59 (59.90)	68
Total	10	74	84

chi2: 0.121, p: 0.7283758809, OR: 0.43704

	< cutoff	other genes	Total
In Neuron	16 (12.55)	18 (21.45)	34
Not IN Neuron	15 (18.45)	35 (31.55)	50
Total	31	53	84

chi2: 1.850, p: 0.1738208338, OR: 2.07407

	> cutoff	other genes	Total
In Neuron	2 (4.05)	32 (29.95)	34
Not IN Neuron	8 (5.95)	42 (44.05)	50
Total	10	74	84

chi2: 1.128, p: 0.2881045172, OR: 0.32812

	< cutoff	other genes	Total
In Endothelia	1 (4.06)	10 (6.94)	11
Not IN Endothelia	30 (26.94)	43 (46.06)	73
Total	31	53	84

chi2: 2.943, p: 0.0862457618, OR: 0.14333

	> cutoff	other genes	Total
In Endothelia	2 (1.31)	9 (9.69)	11
Not IN Endothelia	8 (8.69)	65 (64.31)	73
Total	10	74	84

chi2: 0.036, p: 0.8491265062, OR: 1.80556