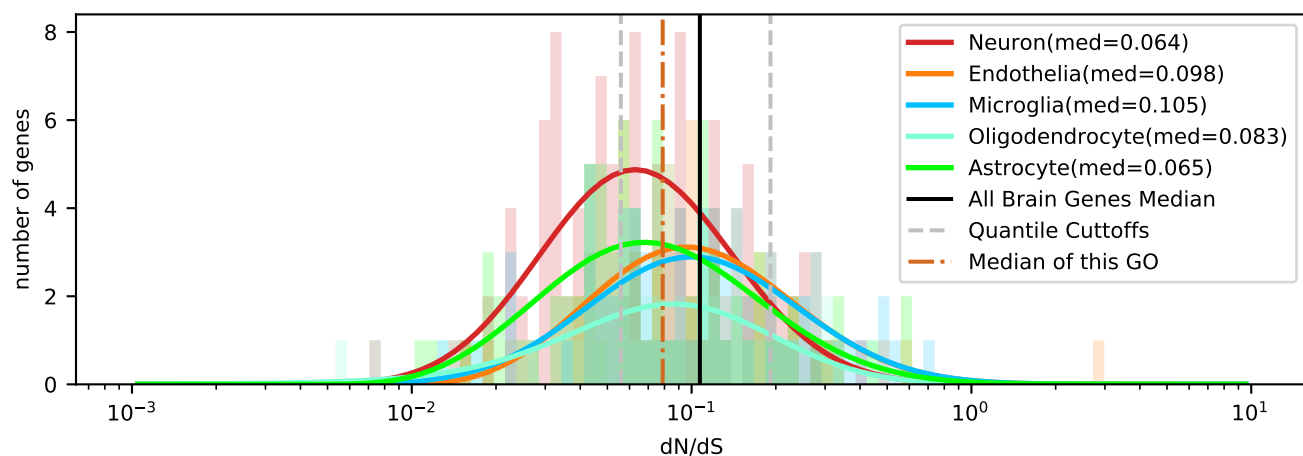


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to growth



	< cutoff	other genes	Total
In Astrocyte	31 (25.74)	46 (51.26)	77
Not IN Astrocyte	89 (94.26)	193 (187.74)	282
Total	120	239	359

chi2: 1.685, p: 0.1943056710, OR: 1.46141

	> cutoff	other genes	Total
In Astrocyte	10 (11.80)	67 (65.20)	77
Not IN Astrocyte	45 (43.20)	237 (238.80)	282
Total	55	304	359

chi2: 0.214, p: 0.6434424077, OR: 0.78607

	< cutoff	other genes	Total
In Microglia	15 (22.40)	52 (44.60)	67
Not IN Microglia	105 (97.60)	187 (194.40)	292
Total	120	239	359

chi2: 3.921, p: 0.0476899213, OR: 0.51374

	> cutoff	other genes	Total
In Microglia	16 (10.26)	51 (56.74)	67
Not IN Microglia	39 (44.74)	253 (247.26)	292
Total	55	304	359

chi2: 3.877, p: 0.0489547183, OR: 2.03519

	< cutoff	other genes	Total
In Oligodendrocyte	14 (14.37)	29 (28.63)	43
Not IN Oligodendrocyte	106 (105.63)	210 (210.37)	316
Total	120	239	359

chi2: 0.002, p: 0.9651668048, OR: 0.95641

	> cutoff	other genes	Total
In Oligodendrocyte	7 (6.59)	36 (36.41)	43
Not IN Oligodendrocyte	48 (48.41)	268 (267.59)	316
Total	55	304	359

chi2: 0.002, p: 0.9684144491, OR: 1.08565

	< cutoff	other genes	Total
In Neuron	48 (34.43)	55 (68.57)	103
Not IN Neuron	72 (85.57)	184 (170.43)	256
Total	120	239	359

chi2: 10.453, p: 0.0012244129, OR: 2.23030

	> cutoff	other genes	Total
In Neuron	10 (15.78)	93 (87.22)	103
Not IN Neuron	45 (39.22)	211 (216.78)	256
Total	55	304	359

chi2: 2.926, p: 0.0871798551, OR: 0.50418

	< cutoff	other genes	Total
In Endothelia	12 (23.06)	57 (45.94)	69
Not IN Endothelia	108 (96.94)	182 (193.06)	290
Total	120	239	359

chi2: 8.997, p: 0.0027035673, OR: 0.35478

	> cutoff	other genes	Total
In Endothelia	12 (10.57)	57 (58.43)	69
Not IN Endothelia	43 (44.43)	247 (245.57)	290
Total	55	304	359

chi2: 0.119, p: 0.7297464165, OR: 1.20930