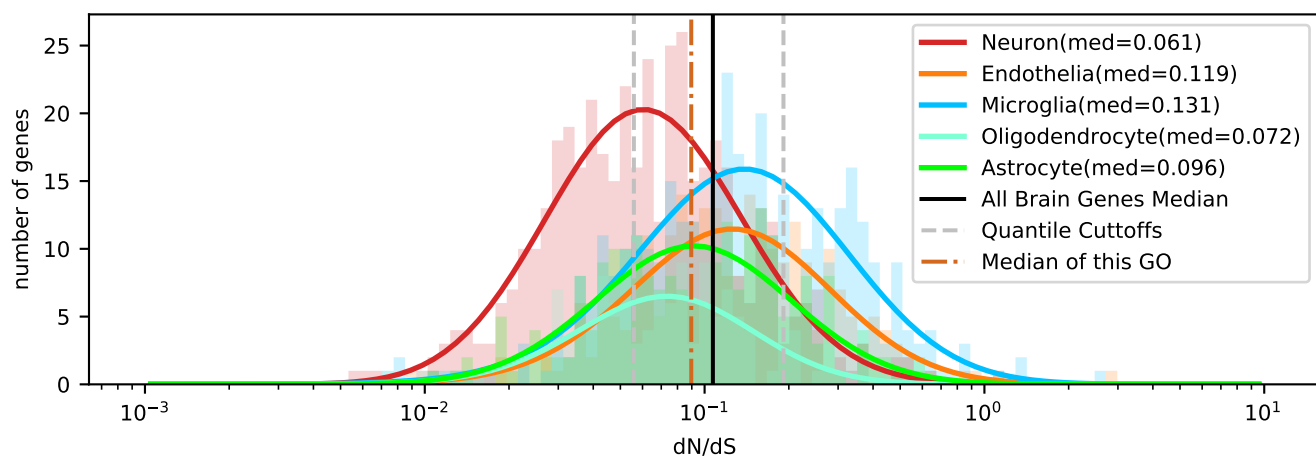


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to transport



	< cutoff	other genes	Total
In Astrocyte	66 (66.38)	156 (155.62)	222
Not IN Astrocyte	358 (357.62)	838 (838.38)	1196
Total	424	994	1418

chi2: 0.000, p: 0.9848217924, OR: 0.99033

	> cutoff	other genes	Total
In Astrocyte	38 (43.84)	184 (178.16)	222
Not IN Astrocyte	242 (236.16)	954 (959.84)	1196
Total	280	1138	1418

chi2: 0.960, p: 0.3272603821, OR: 0.81414

	< cutoff	other genes	Total
In Microglia	66 (112.43)	310 (263.57)	376
Not IN Microglia	358 (311.57)	684 (730.43)	1042
Total	424	994	1418

chi2: 36.424, p: 0.0000000016, OR: 0.40678

	> cutoff	other genes	Total
In Microglia	122 (74.25)	254 (301.75)	376
Not IN Microglia	158 (205.75)	884 (836.25)	1042
Total	280	1138	1418

chi2: 50.999, p: 0.0000000000, OR: 2.68733

	< cutoff	other genes	Total
In Oligodendrocyte	51 (37.97)	76 (89.03)	127
Not IN Oligodendrocyte	373 (386.03)	918 (904.97)	1291
Total	424	994	1418

chi2: 6.473, p: 0.0109504142, OR: 1.65155

	> cutoff	other genes	Total
In Oligodendrocyte	14 (25.08)	113 (101.92)	127
Not IN Oligodendrocyte	266 (254.92)	1025 (1036.08)	1291
Total	280	1138	1418

chi2: 6.106, p: 0.0134708924, OR: 0.47741

	< cutoff	other genes	Total
In Neuron	202 (130.97)	236 (307.03)	438
Not IN Neuron	222 (293.03)	758 (686.97)	980
Total	424	994	1418

chi2: 78.407, p: 0.0000000000, OR: 2.92251

	> cutoff	other genes	Total
In Neuron	31 (86.49)	407 (351.51)	438
Not IN Neuron	249 (193.51)	731 (786.49)	980
Total	280	1138	1418

chi2: 63.032, p: 0.0000000000, OR: 0.22361

	< cutoff	other genes	Total
In Endothelia	39 (76.25)	216 (178.75)	255
Not IN Endothelia	385 (347.75)	778 (815.25)	1163
Total	424	994	1418

chi2: 30.806, p: 0.0000000285, OR: 0.36486

	> cutoff	other genes	Total
In Endothelia	75 (50.35)	180 (204.65)	255
Not IN Endothelia	205 (229.65)	958 (933.35)	1163
Total	280	1138	1418

chi2: 17.593, p: 0.0000273541, OR: 1.94715