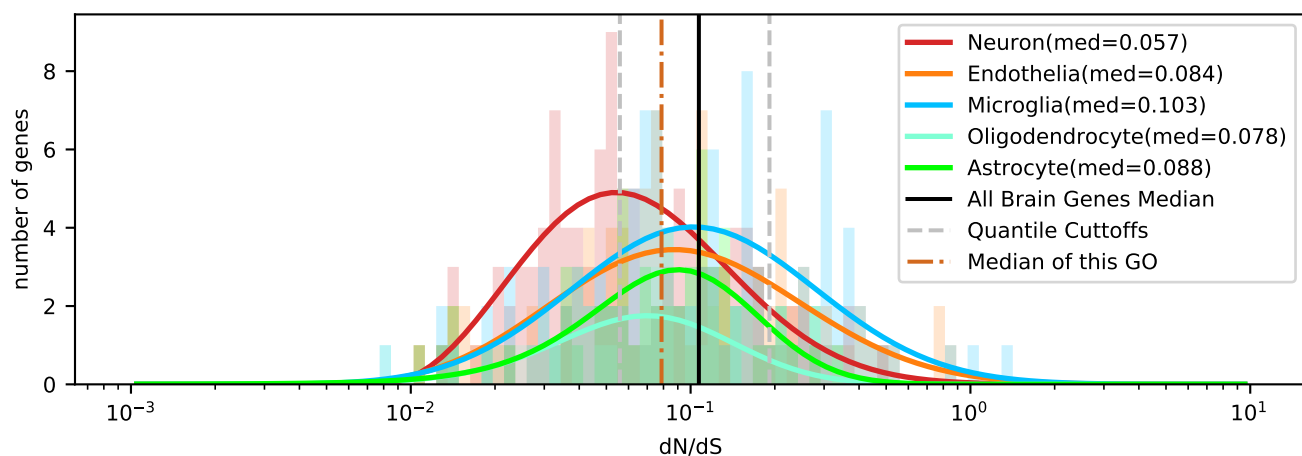


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to protein-containing complex assembly



	< cutoff	other genes	Total
In Astrocyte	16 (19.45)	40 (36.55)	56
Not IN Astrocyte	124 (120.55)	223 (226.45)	347
Total	140	263	403

chi2: 0.798, p: 0.3716040936, OR: 0.71935

	> cutoff	other genes	Total
In Astrocyte	6 (10.00)	50 (46.00)	56
Not IN Astrocyte	66 (62.00)	281 (285.00)	347
Total	72	331	403

chi2: 1.736, p: 0.1876188914, OR: 0.51091

	< cutoff	other genes	Total
In Microglia	26 (37.52)	82 (70.48)	108
Not IN Microglia	114 (102.48)	181 (192.52)	295
Total	140	263	403

chi2: 6.774, p: 0.0092500112, OR: 0.50342

	> cutoff	other genes	Total
In Microglia	29 (19.30)	79 (88.70)	108
Not IN Microglia	43 (52.70)	252 (242.30)	295
Total	72	331	403

chi2: 7.303, p: 0.0068821389, OR: 2.15131

	< cutoff	other genes	Total
In Oligodendrocyte	15 (12.16)	20 (22.84)	35
Not IN Oligodendrocyte	125 (127.84)	243 (240.16)	368
Total	140	263	403

chi2: 0.756, p: 0.3844368590, OR: 1.45800

	> cutoff	other genes	Total
In Oligodendrocyte	2 (6.25)	33 (28.75)	35
Not IN Oligodendrocyte	70 (65.75)	298 (302.25)	368
Total	72	331	403

chi2: 3.003, p: 0.0830877488, OR: 0.25801

	< cutoff	other genes	Total
In Neuron	55 (38.56)	56 (72.44)	111
Not IN Neuron	85 (101.44)	207 (190.56)	292
Total	140	263	403

chi2: 13.933, p: 0.0001893971, OR: 2.39181

	> cutoff	other genes	Total
In Neuron	10 (19.83)	101 (91.17)	111
Not IN Neuron	62 (52.17)	230 (239.83)	292
Total	72	331	403

chi2: 7.378, p: 0.0066032007, OR: 0.36729

	< cutoff	other genes	Total
In Endothelia	28 (32.31)	65 (60.69)	93
Not IN Endothelia	112 (107.69)	198 (202.31)	310
Total	140	263	403

chi2: 0.894, p: 0.3444107038, OR: 0.76154

	> cutoff	other genes	Total
In Endothelia	25 (16.62)	68 (76.38)	93
Not IN Endothelia	47 (55.38)	263 (254.62)	310
Total	72	331	403

chi2: 5.922, p: 0.0149526714, OR: 2.05726