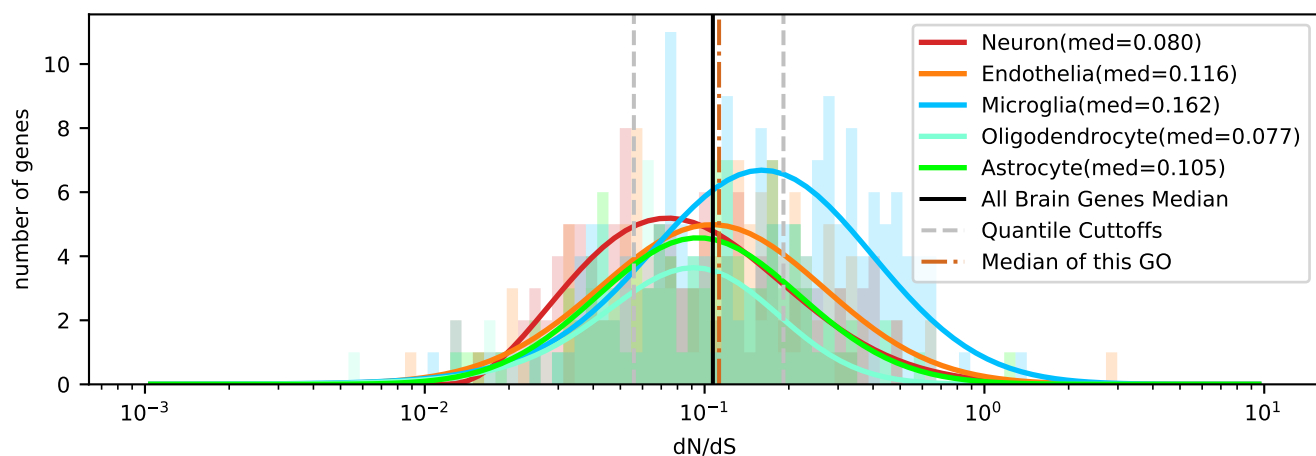


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to cell adhesion



	< cutoff	other genes	Total
In Astrocyte	28 (26.33)	74 (75.67)	102
Not IN Astrocyte	123 (124.67)	360 (358.33)	483
Total	151	434	585

chi2: 0.085, p: 0.7704430824, OR: 1.10745

	> cutoff	other genes	Total
In Astrocyte	18 (28.25)	84 (73.75)	102
Not IN Astrocyte	144 (133.75)	339 (349.25)	483
Total	162	423	585

chi2: 5.633, p: 0.0176265261, OR: 0.50446

	< cutoff	other genes	Total
In Microglia	29 (43.36)	139 (124.64)	168
Not IN Microglia	122 (107.64)	295 (309.36)	417
Total	151	434	585

chi2: 8.382, p: 0.0037898958, OR: 0.50448

	> cutoff	other genes	Total
In Microglia	76 (46.52)	92 (121.48)	168
Not IN Microglia	86 (115.48)	331 (301.52)	417
Total	162	423	585

chi2: 35.016, p: 0.0000000033, OR: 3.17947

	< cutoff	other genes	Total
In Oligodendrocyte	21 (18.58)	51 (53.42)	72
Not IN Oligodendrocyte	130 (132.42)	383 (380.58)	513
Total	151	434	585

chi2: 0.303, p: 0.5817380958, OR: 1.21312

	> cutoff	other genes	Total
In Oligodendrocyte	10 (19.94)	62 (52.06)	72
Not IN Oligodendrocyte	152 (142.06)	361 (370.94)	513
Total	162	423	585

chi2: 7.046, p: 0.0079426532, OR: 0.38306

	< cutoff	other genes	Total
In Neuron	43 (30.72)	76 (88.28)	119
Not IN Neuron	108 (120.28)	358 (345.72)	466
Total	151	434	585

chi2: 7.650, p: 0.0056786494, OR: 1.87549

	> cutoff	other genes	Total
In Neuron	23 (32.95)	96 (86.05)	119
Not IN Neuron	139 (129.05)	327 (336.95)	466
Total	162	423	585

chi2: 4.709, p: 0.0300112121, OR: 0.56362

	< cutoff	other genes	Total
In Endothelia	30 (32.01)	94 (91.99)	124
Not IN Endothelia	121 (118.99)	340 (342.01)	461
Total	151	434	585

chi2: 0.121, p: 0.7275834967, OR: 0.89678

	> cutoff	other genes	Total
In Endothelia	35 (34.34)	89 (89.66)	124
Not IN Endothelia	127 (127.66)	334 (333.34)	461
Total	162	423	585

chi2: 0.001, p: 0.9708684037, OR: 1.03424