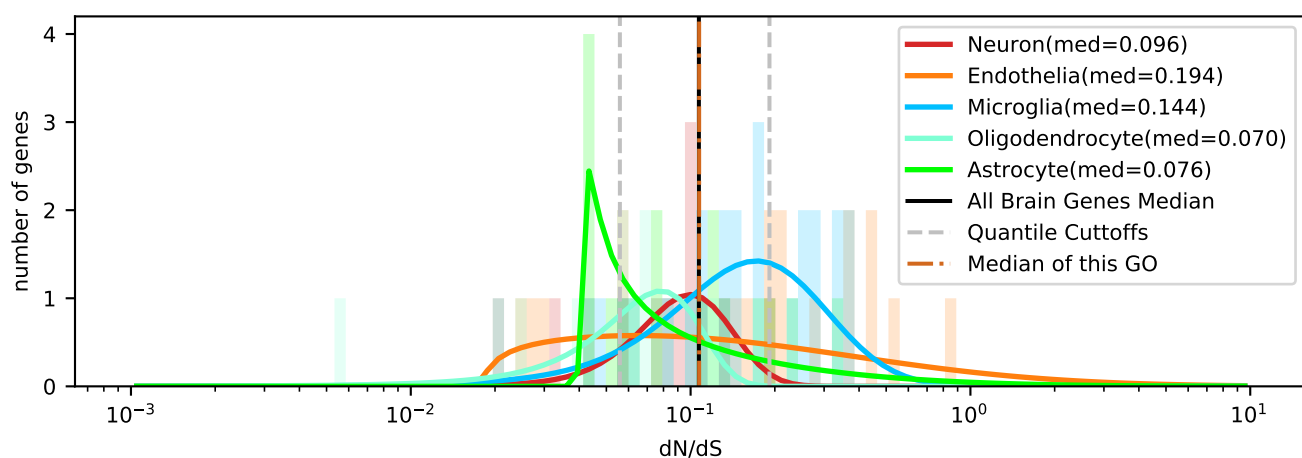


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to protein maturation



	< cutoff	other genes	Total
In Astrocyte	5 (3.95)	12 (13.05)	17
Not IN Astrocyte	15 (16.05)	54 (52.95)	69
Total	20	66	86

chi2: 0.123, p: 0.7261311330, OR: 1.50000

	> cutoff	other genes	Total
In Astrocyte	2 (4.35)	15 (12.65)	17
Not IN Astrocyte	20 (17.65)	49 (51.35)	69
Total	22	64	86

chi2: 1.316, p: 0.2512368917, OR: 0.32667

	< cutoff	other genes	Total
In Microglia	3 (5.81)	22 (19.19)	25
Not IN Microglia	17 (14.19)	44 (46.81)	61
Total	20	66	86

chi2: 1.692, p: 0.1933578043, OR: 0.35294

	> cutoff	other genes	Total
In Microglia	9 (6.40)	16 (18.60)	25
Not IN Microglia	13 (15.60)	48 (45.40)	61
Total	22	64	86

chi2: 1.312, p: 0.2520059636, OR: 2.07692

	< cutoff	other genes	Total
In Oligodendrocyte	4 (3.02)	9 (9.98)	13
Not IN Oligodendrocyte	16 (16.98)	57 (56.02)	73
Total	20	66	86

chi2: 0.115, p: 0.7340721736, OR: 1.58333

	> cutoff	other genes	Total
In Oligodendrocyte	0 (3.33)	13 (9.67)	13
Not IN Oligodendrocyte	22 (18.67)	51 (54.33)	73
Total	22	64	86

chi2: 3.801, p: 0.0512369071, OR: 0.00000

	< cutoff	other genes	Total
In Neuron	1 (2.56)	10 (8.44)	11
Not IN Neuron	19 (17.44)	56 (57.56)	75
Total	20	66	86

chi2: 0.654, p: 0.4186992612, OR: 0.29474

	> cutoff	other genes	Total
In Neuron	0 (2.81)	11 (8.19)	11
Not IN Neuron	22 (19.19)	53 (55.81)	75
Total	22	64	86

chi2: 2.932, p: 0.0868456497, OR: 0.00000

	< cutoff	other genes	Total
In Endothelia	7 (4.65)	13 (15.35)	20
Not IN Endothelia	13 (15.35)	53 (50.65)	66
Total	20	66	86

chi2: 1.248, p: 0.2639731608, OR: 2.19527

	> cutoff	other genes	Total
In Endothelia	11 (5.12)	9 (14.88)	20
Not IN Endothelia	11 (16.88)	55 (49.12)	66
Total	22	64	86

chi2: 9.919, p: 0.0016354885, OR: 6.11111