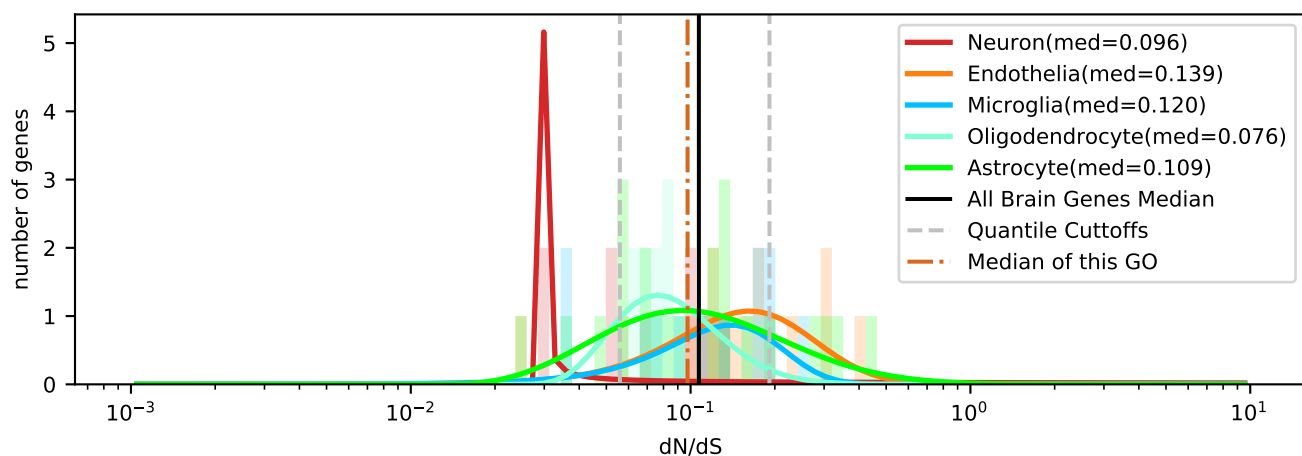


# Five Celltypes Distribution of Average dN/dS Scores of Genes Related to sulfur compound metabolic process



	< cutoff	other genes	Total
In Astrocyte	4 (3.52)	18 (18.48)	22
Not IN Astrocyte	8 (8.48)	45 (44.52)	53
Total	12	63	75

chi2: 0.000, p: 0.9889607918, OR: 1.25000

	> cutoff	other genes	Total
In Astrocyte	4 (3.23)	18 (18.77)	22
Not IN Astrocyte	7 (7.77)	46 (45.23)	53
Total	11	64	75

chi2: 0.038, p: 0.8446480230, OR: 1.46032

	< cutoff	other genes	Total
In Microglia	2 (1.92)	10 (10.08)	12
Not IN Microglia	10 (10.08)	53 (52.92)	63
Total	12	63	75

chi2: 0.130, p: 0.7182161295, OR: 1.06000

	> cutoff	other genes	Total
In Microglia	2 (1.76)	10 (10.24)	12
Not IN Microglia	9 (9.24)	54 (53.76)	63
Total	11	64	75

chi2: 0.054, p: 0.8169400407, OR: 1.20000

	< cutoff	other genes	Total
In Oligodendrocyte	1 (2.40)	14 (12.60)	15
Not IN Oligodendrocyte	11 (9.60)	49 (50.40)	60
Total	12	63	75

chi2: 0.502, p: 0.4785209765, OR: 0.31818

	> cutoff	other genes	Total
In Oligodendrocyte	0 (2.20)	15 (12.80)	15
Not IN Oligodendrocyte	11 (8.80)	49 (51.20)	60
Total	11	64	75

chi2: 1.924, p: 0.1653864798, OR: 0.00000

	< cutoff	other genes	Total
In Neuron	4 (1.44)	5 (7.56)	9
Not IN Neuron	8 (10.56)	58 (55.44)	66
Total	12	63	75

chi2: 3.987, p: 0.0458616916, OR: 5.80000

	> cutoff	other genes	Total
In Neuron	0 (1.32)	9 (7.68)	9
Not IN Neuron	11 (9.68)	55 (56.32)	66
Total	11	64	75

chi2: 0.678, p: 0.4101562506, OR: 0.00000

	< cutoff	other genes	Total
In Endothelia	1 (2.72)	16 (14.28)	17
Not IN Endothelia	11 (9.28)	47 (48.72)	58
Total	12	63	75

chi2: 0.842, p: 0.3587188049, OR: 0.26705

	> cutoff	other genes	Total
In Endothelia	5 (2.49)	12 (14.51)	17
Not IN Endothelia	6 (8.51)	52 (49.49)	58
Total	11	64	75

chi2: 2.447, p: 0.1177282790, OR: 3.61111