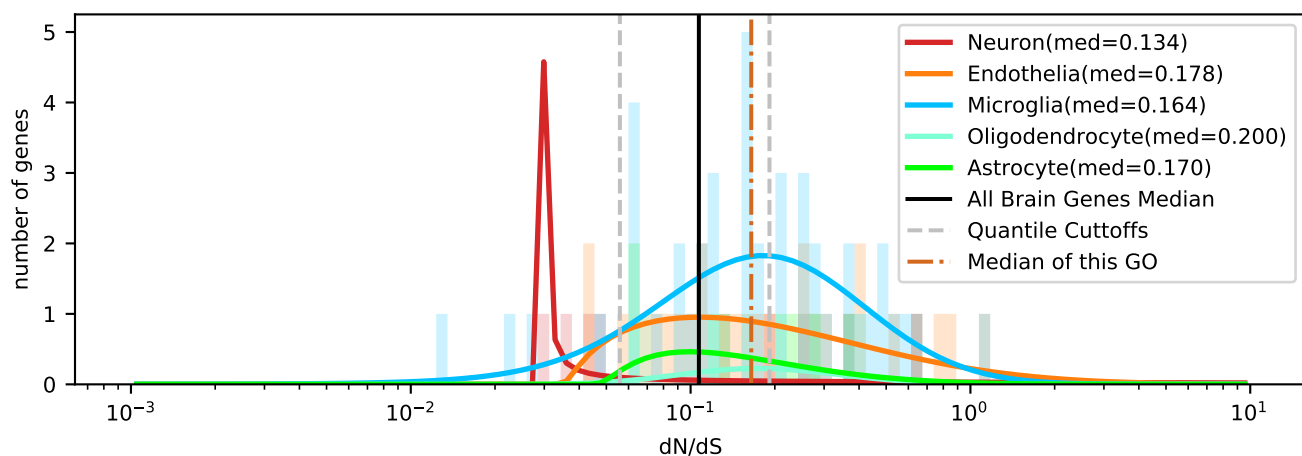


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to symbiont process



	< cutoff	other genes	Total
In Astrocyte	0 (0.90)	8 (7.10)	8
Not IN Astrocyte	10 (9.10)	71 (71.90)	81
Total	10	79	89

chi2: 0.219, p: 0.6397256680, OR: 0.00000

	> cutoff	other genes	Total
In Astrocyte	4 (3.60)	4 (4.40)	8
Not IN Astrocyte	36 (36.40)	45 (44.60)	81
Total	40	49	89

chi2: 0.005, p: 0.9432753124, OR: 1.25000

	< cutoff	other genes	Total
In Microglia	4 (4.83)	39 (38.17)	43
Not IN Microglia	6 (5.17)	40 (40.83)	46
Total	10	79	89

chi2: 0.050, p: 0.8238208349, OR: 0.68376

	> cutoff	other genes	Total
In Microglia	19 (19.33)	24 (23.67)	43
Not IN Microglia	21 (20.67)	25 (25.33)	46
Total	40	49	89

chi2: 0.006, p: 0.9407993442, OR: 0.94246

	< cutoff	other genes	Total
In Oligodendrocyte	0 (0.45)	4 (3.55)	4
Not IN Oligodendrocyte	10 (9.55)	75 (75.45)	85
Total	10	79	89

chi2: 0.007, p: 0.9347156445, OR: 0.00000

	> cutoff	other genes	Total
In Oligodendrocyte	2 (1.80)	2 (2.20)	4
Not IN Oligodendrocyte	38 (38.20)	47 (46.80)	85
Total	40	49	89

chi2: 0.094, p: 0.7594157627, OR: 1.23684

	< cutoff	other genes	Total
In Neuron	4 (1.01)	5 (7.99)	9
Not IN Neuron	6 (8.99)	74 (71.01)	80
Total	10	79	89

chi2: 7.677, p: 0.0055936555, OR: 9.86667

	> cutoff	other genes	Total
In Neuron	4 (4.04)	5 (4.96)	9
Not IN Neuron	36 (35.96)	44 (44.04)	80
Total	40	49	89

chi2: 0.103, p: 0.7477334672, OR: 0.97778

	< cutoff	other genes	Total
In Endothelia	2 (2.81)	23 (22.19)	25
Not IN Endothelia	8 (7.19)	56 (56.81)	64
Total	10	79	89

chi2: 0.053, p: 0.8175038876, OR: 0.60870

	> cutoff	other genes	Total
In Endothelia	11 (11.24)	14 (13.76)	25
Not IN Endothelia	29 (28.76)	35 (35.24)	64
Total	40	49	89

chi2: 0.016, p: 0.9003719473, OR: 0.94828