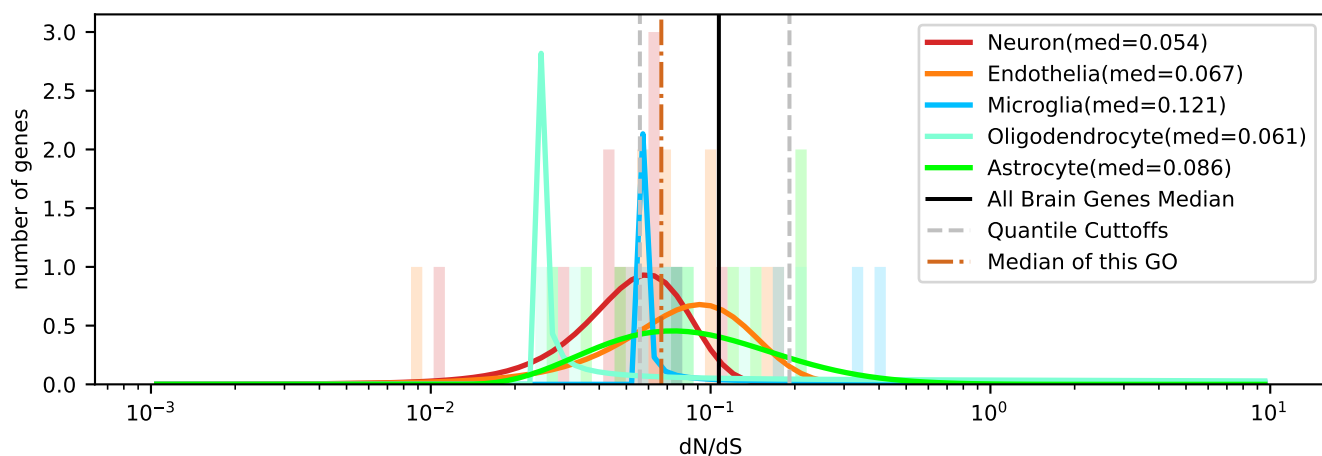


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to plasma membrane organization



	< cutoff	other genes	Total
In Astrocyte	3 (2.86)	6 (6.14)	9
Not IN Astrocyte	11 (11.14)	24 (23.86)	35
Total	14	30	44

chi2: 0.085, p: 0.7704492491, OR: 1.09091

	> cutoff	other genes	Total
In Astrocyte	2 (1.02)	7 (7.98)	9
Not IN Astrocyte	3 (3.98)	32 (31.02)	35
Total	5	39	44

chi2: 0.316, p: 0.5740836301, OR: 3.04762

	< cutoff	other genes	Total
In Microglia	0 (1.91)	6 (4.09)	6
Not IN Microglia	14 (12.09)	24 (25.91)	38
Total	14	30	44

chi2: 1.766, p: 0.1838469824, OR: 0.00000

	> cutoff	other genes	Total
In Microglia	2 (0.68)	4 (5.32)	6
Not IN Microglia	3 (4.32)	35 (33.68)	38
Total	5	39	44

chi2: 1.283, p: 0.2574178207, OR: 5.83333

	< cutoff	other genes	Total
In Oligodendrocyte	4 (2.55)	4 (5.45)	8
Not IN Oligodendrocyte	10 (11.45)	26 (24.55)	36
Total	14	30	44

chi2: 0.642, p: 0.4231079167, OR: 2.60000

	> cutoff	other genes	Total
In Oligodendrocyte	1 (0.91)	7 (7.09)	8
Not IN Oligodendrocyte	4 (4.09)	32 (31.91)	36
Total	5	39	44

chi2: 0.254, p: 0.6143798085, OR: 1.14286

	< cutoff	other genes	Total
In Neuron	6 (3.50)	5 (7.50)	11
Not IN Neuron	8 (10.50)	25 (22.50)	33
Total	14	30	44

chi2: 2.235, p: 0.1349235520, OR: 3.75000

	> cutoff	other genes	Total
In Neuron	0 (1.25)	11 (9.75)	11
Not IN Neuron	5 (3.75)	28 (29.25)	33
Total	5	39	44

chi2: 0.677, p: 0.4106482693, OR: 0.00000

	< cutoff	other genes	Total
In Endothelia	1 (3.18)	9 (6.82)	10
Not IN Endothelia	13 (10.82)	21 (23.18)	34
Total	14	30	44

chi2: 1.687, p: 0.1939595286, OR: 0.17949

	> cutoff	other genes	Total
In Endothelia	0 (1.14)	10 (8.86)	10
Not IN Endothelia	5 (3.86)	29 (30.14)	34
Total	5	39	44

chi2: 0.520, p: 0.4707130312, OR: 0.00000