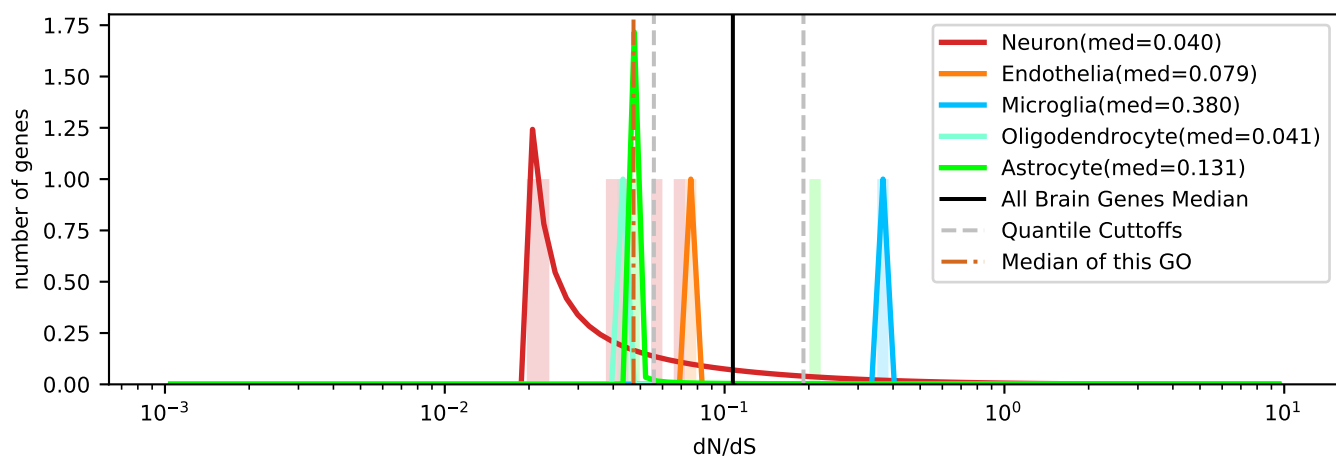


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to membrane_hyperpolarization



	< cutoff	other genes	Total
In Astrocyte	1 (1.09)	1 (0.91)	2
Not IN Astrocyte	5 (4.91)	4 (4.09)	9
Total	6	5	11

chi2: 0.413, p: 0.5207033238, OR: 0.80000

	> cutoff	other genes	Total
In Astrocyte	1 (0.36)	1 (1.64)	2
Not IN Astrocyte	1 (1.64)	8 (7.36)	9
Total	2	9	11

chi2: 0.076, p: 0.7822520699, OR: 8.00000

	< cutoff	other genes	Total
In Microglia	0 (0.55)	1 (0.45)	1
Not IN Microglia	6 (5.45)	4 (4.55)	10
Total	6	5	11

chi2: 0.009, p: 0.9237249184, OR: 0.00000

	> cutoff	other genes	Total
In Microglia	1 (0.18)	0 (0.82)	1
Not IN Microglia	1 (1.82)	9 (8.18)	10
Total	2	9	11

chi2: 0.749, p: 0.3869163178, OR: inf

	< cutoff	other genes	Total
In Oligodendrocyte	1 (0.55)	0 (0.45)	1
Not IN Oligodendrocyte	5 (5.45)	5 (4.55)	10
Total	6	5	11

chi2: 0.009, p: 0.9237249184, OR: inf

	> cutoff	other genes	Total
In Oligodendrocyte	0 (0.18)	1 (0.82)	1
Not IN Oligodendrocyte	2 (1.82)	8 (8.18)	10
Total	2	9	11

chi2: 0.749, p: 0.3869163178, OR: 0.00000

	< cutoff	other genes	Total
In Neuron	4 (3.27)	2 (2.73)	6
Not IN Neuron	2 (2.73)	3 (2.27)	5
Total	6	5	11

chi2: 0.076, p: 0.7822520699, OR: 3.00000

	> cutoff	other genes	Total
In Neuron	0 (1.09)	6 (4.91)	6
Not IN Neuron	2 (0.91)	3 (4.09)	5
Total	2	9	11

chi2: 0.861, p: 0.3535573755, OR: 0.00000

	< cutoff	other genes	Total
In Endothelia	0 (0.55)	1 (0.45)	1
Not IN Endothelia	6 (5.45)	4 (4.55)	10
Total	6	5	11

chi2: 0.009, p: 0.9237249184, OR: 0.00000

	> cutoff	other genes	Total
In Endothelia	0 (0.18)	1 (0.82)	1
Not IN Endothelia	2 (1.82)	8 (8.18)	10
Total	2	9	11

chi2: 0.749, p: 0.3869163178, OR: 0.00000