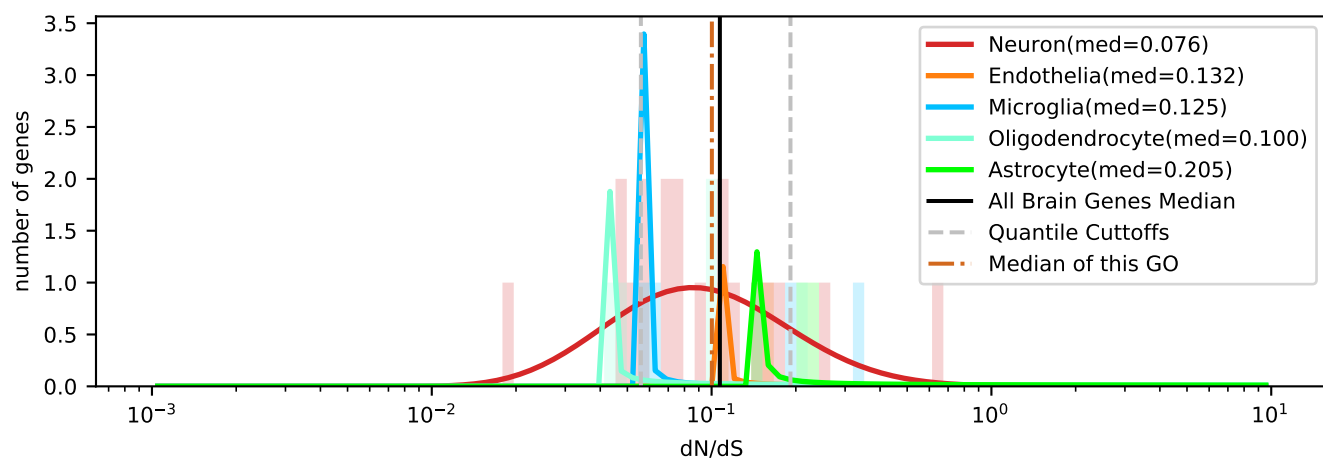


# Five Celltypes Distribution of Average dN/dS Scores of Genes Related to mRNA processing



	< cutoff	other genes	Total
In Astrocyte	0 (0.55)	3 (2.45)	3
Not IN Astrocyte	6 (5.45)	24 (24.55)	30
Total	6	27	33

chi2: 0.005, p: 0.9431093312, OR: 0.00000

	> cutoff	other genes	Total
In Astrocyte	2 (0.55)	1 (2.45)	3
Not IN Astrocyte	4 (5.45)	26 (24.55)	30
Total	6	27	33

chi2: 2.246, p: 0.1339747156, OR: 13.00000

	< cutoff	other genes	Total
In Microglia	0 (0.73)	4 (3.27)	4
Not IN Microglia	6 (5.27)	23 (23.73)	29
Total	6	27	33

chi2: 0.099, p: 0.7533001504, OR: 0.00000

	> cutoff	other genes	Total
In Microglia	1 (0.73)	3 (3.27)	4
Not IN Microglia	5 (5.27)	24 (23.73)	29
Total	6	27	33

chi2: 0.099, p: 0.7533001504, OR: 1.60000

	< cutoff	other genes	Total
In Oligodendrocyte	2 (0.91)	3 (4.09)	5
Not IN Oligodendrocyte	4 (5.09)	24 (22.91)	28
Total	6	27	33

chi2: 0.553, p: 0.4569830942, OR: 4.00000

	> cutoff	other genes	Total
In Oligodendrocyte	1 (0.91)	4 (4.09)	5
Not IN Oligodendrocyte	5 (5.09)	23 (22.91)	28
Total	6	27	33

chi2: 0.265, p: 0.6065845206, OR: 1.15000

	< cutoff	other genes	Total
In Neuron	4 (3.45)	15 (15.55)	19
Not IN Neuron	2 (2.55)	12 (11.45)	14
Total	6	27	33

chi2: 0.002, p: 0.9668895365, OR: 1.60000

	> cutoff	other genes	Total
In Neuron	2 (3.45)	17 (15.55)	19
Not IN Neuron	4 (2.55)	10 (11.45)	14
Total	6	27	33

chi2: 0.760, p: 0.3833697031, OR: 0.29412

	< cutoff	other genes	Total
In Endothelia	0 (0.36)	2 (1.64)	2
Not IN Endothelia	6 (5.64)	25 (25.36)	31
Total	6	27	33

chi2: 0.067, p: 0.7964543888, OR: 0.00000

	> cutoff	other genes	Total
In Endothelia	0 (0.36)	2 (1.64)	2
Not IN Endothelia	6 (5.64)	25 (25.36)	31
Total	6	27	33

chi2: 0.067, p: 0.7964543888, OR: 0.00000