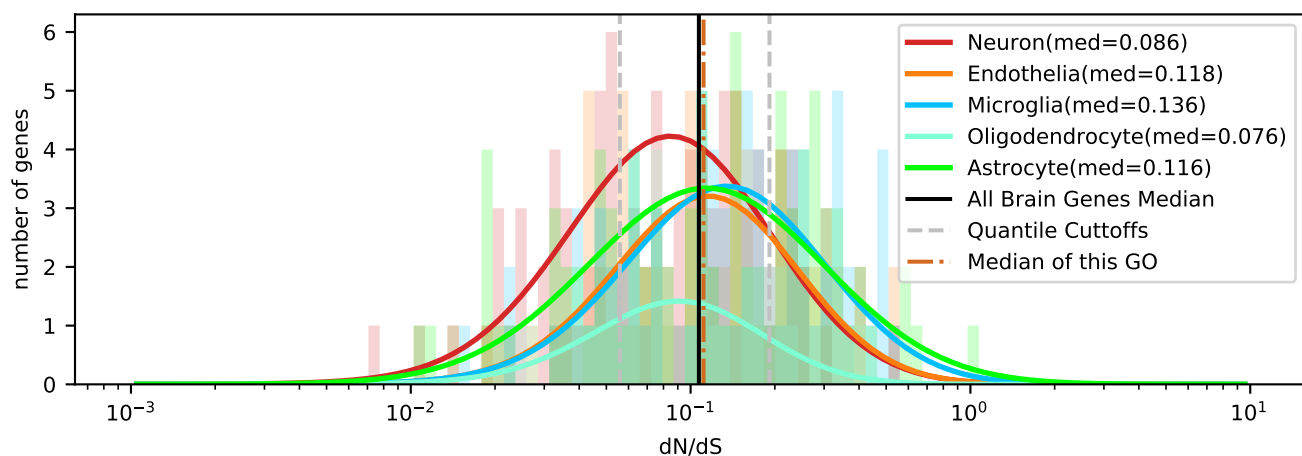


# Five Celltypes Distribution of Average dN/dS Scores of Genes Related to reproduction



	< cutoff	other genes	Total
In Astrocyte	23 (23.00)	65 (65.00)	88
Not IN Astrocyte	69 (69.00)	195 (195.00)	264
Total	92	260	352

chi2: 0.000, p: 1.0000000000, OR: 1.00000

	> cutoff	other genes	Total
In Astrocyte	32 (24.00)	56 (64.00)	88
Not IN Astrocyte	64 (72.00)	200 (192.00)	264
Total	96	256	352

chi2: 4.297, p: 0.0381824719, OR: 1.78571

	< cutoff	other genes	Total
In Microglia	14 (19.60)	61 (55.40)	75
Not IN Microglia	78 (72.40)	199 (204.60)	277
Total	92	260	352

chi2: 2.285, p: 0.1306447979, OR: 0.58554

	> cutoff	other genes	Total
In Microglia	26 (20.45)	49 (54.55)	75
Not IN Microglia	70 (75.55)	207 (201.45)	277
Total	96	256	352

chi2: 2.175, p: 0.1403073750, OR: 1.56910

	< cutoff	other genes	Total
In Oligodendrocyte	6 (7.06)	21 (19.94)	27
Not IN Oligodendrocyte	86 (84.94)	239 (240.06)	325
Total	92	260	352

chi2: 0.064, p: 0.7996357896, OR: 0.79402

	> cutoff	other genes	Total
In Oligodendrocyte	4 (7.36)	23 (19.64)	27
Not IN Oligodendrocyte	92 (88.64)	233 (236.36)	325
Total	96	256	352

chi2: 1.658, p: 0.1978111719, OR: 0.44045

	< cutoff	other genes	Total
In Neuron	35 (25.09)	61 (70.91)	96
Not IN Neuron	57 (66.91)	199 (189.09)	256
Total	92	260	352

chi2: 6.568, p: 0.0103812859, OR: 2.00316

	> cutoff	other genes	Total
In Neuron	16 (26.18)	80 (69.82)	96
Not IN Neuron	80 (69.82)	176 (186.18)	256
Total	96	256	352

chi2: 6.769, p: 0.0092758904, OR: 0.44000

	< cutoff	other genes	Total
In Endothelia	14 (17.25)	52 (48.75)	66
Not IN Endothelia	78 (74.75)	208 (211.25)	286
Total	92	260	352

chi2: 0.731, p: 0.3927200697, OR: 0.71795

	> cutoff	other genes	Total
In Endothelia	18 (18.00)	48 (48.00)	66
Not IN Endothelia	78 (78.00)	208 (208.00)	286
Total	96	256	352

chi2: 0.000, p: 1.0000000000, OR: 1.00000