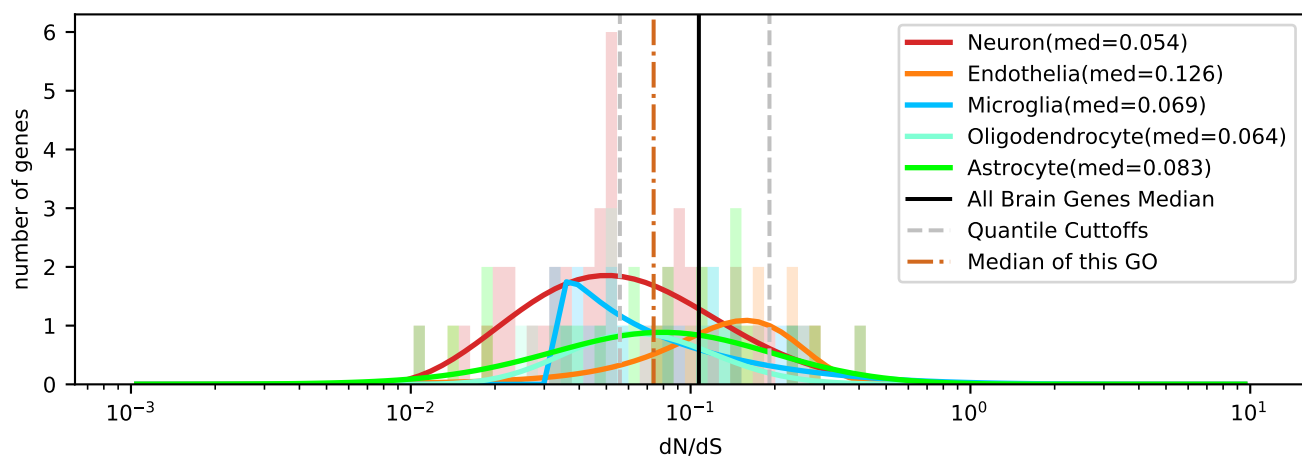


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to developmental maturation



	< cutoff	other genes	Total
In Astrocyte	7 (9.65)	15 (12.35)	22
Not IN Astrocyte	43 (40.35)	49 (51.65)	92
Total	50	64	114

chi2: 1.057, p: 0.3040108983, OR: 0.53178

	> cutoff	other genes	Total
In Astrocyte	3 (2.70)	19 (19.30)	22
Not IN Astrocyte	11 (11.30)	81 (80.70)	92
Total	14	100	114

chi2: 0.021, p: 0.8840120803, OR: 1.16268

	< cutoff	other genes	Total
In Microglia	10 (8.77)	10 (11.23)	20
Not IN Microglia	40 (41.23)	54 (52.77)	94
Total	50	64	114

chi2: 0.131, p: 0.7178698193, OR: 1.35000

	> cutoff	other genes	Total
In Microglia	3 (2.46)	17 (17.54)	20
Not IN Microglia	11 (11.54)	83 (82.46)	94
Total	14	100	114

chi2: 0.001, p: 0.9737492826, OR: 1.33155

	< cutoff	other genes	Total
In Oligodendrocyte	6 (6.14)	8 (7.86)	14
Not IN Oligodendrocyte	44 (43.86)	56 (56.14)	100
Total	50	64	114

chi2: 0.043, p: 0.8361486725, OR: 0.95455

	> cutoff	other genes	Total
In Oligodendrocyte	0 (1.72)	14 (12.28)	14
Not IN Oligodendrocyte	14 (12.28)	86 (87.72)	100
Total	14	100	114

chi2: 1.124, p: 0.2891075958, OR: 0.00000

	< cutoff	other genes	Total
In Neuron	24 (17.98)	17 (23.02)	41
Not IN Neuron	26 (32.02)	47 (40.98)	73
Total	50	64	114

chi2: 4.709, p: 0.0300011724, OR: 2.55204

	> cutoff	other genes	Total
In Neuron	4 (5.04)	37 (35.96)	41
Not IN Neuron	10 (8.96)	63 (64.04)	73
Total	14	100	114

chi2: 0.101, p: 0.7503528445, OR: 0.68108

	< cutoff	other genes	Total
In Endothelia	3 (7.46)	14 (9.54)	17
Not IN Endothelia	47 (42.54)	50 (54.46)	97
Total	50	64	114

chi2: 4.394, p: 0.0360597736, OR: 0.22796

	> cutoff	other genes	Total
In Endothelia	4 (2.09)	13 (14.91)	17
Not IN Endothelia	10 (11.91)	87 (85.09)	97
Total	14	100	114

chi2: 1.280, p: 0.2579001628, OR: 2.67692