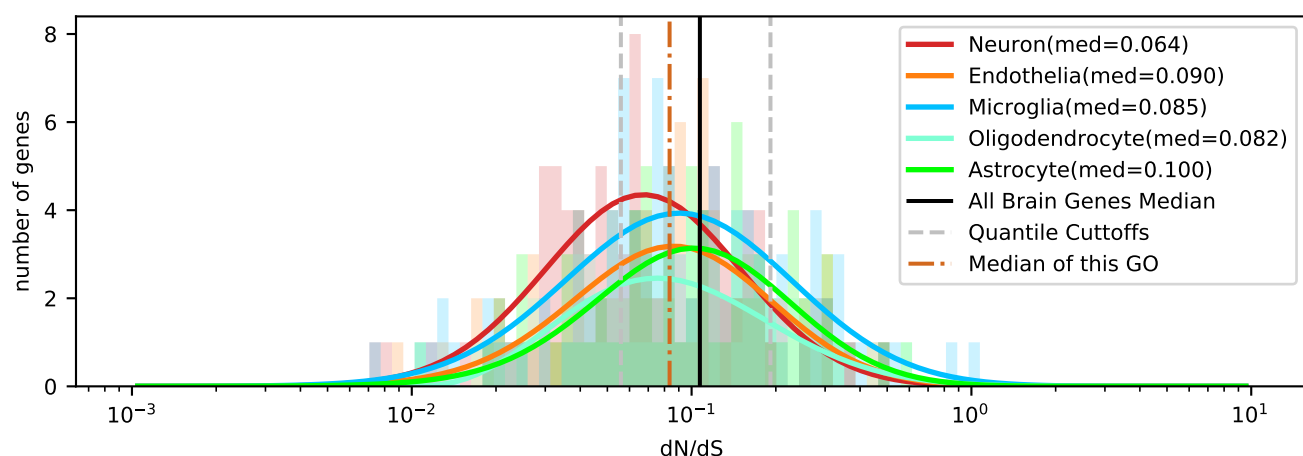


Five Celltypes Distribution of Average dN/dS Scores of Genes Related to cytoskeleton organization



	< cutoff	other genes	Total
In Astrocyte	17 (22.12)	52 (46.88)	69
Not IN Astrocyte	108 (102.88)	213 (218.12)	321
Total	125	265	390

chi2: 1.722, p: 0.1894019385, OR: 0.64476

	> cutoff	other genes	Total
In Astrocyte	14 (11.15)	55 (57.85)	69
Not IN Astrocyte	49 (51.85)	272 (269.15)	321
Total	63	327	390

chi2: 0.720, p: 0.3960487140, OR: 1.41299

	< cutoff	other genes	Total
In Microglia	28 (32.05)	72 (67.95)	100
Not IN Microglia	97 (92.95)	193 (197.05)	290
Total	125	265	390

chi2: 0.779, p: 0.3775170018, OR: 0.77377

	> cutoff	other genes	Total
In Microglia	20 (16.15)	80 (83.85)	100
Not IN Microglia	43 (46.85)	247 (243.15)	290
Total	63	327	390

chi2: 1.112, p: 0.2917061911, OR: 1.43605

	< cutoff	other genes	Total
In Oligodendrocyte	18 (17.63)	37 (37.37)	55
Not IN Oligodendrocyte	107 (107.37)	228 (227.63)	335
Total	125	265	390

chi2: 0.002, p: 0.9681180366, OR: 1.03663

	> cutoff	other genes	Total
In Oligodendrocyte	10 (8.88)	45 (46.12)	55
Not IN Oligodendrocyte	53 (54.12)	282 (280.88)	335
Total	63	327	390

chi2: 0.059, p: 0.8077931662, OR: 1.18239

	< cutoff	other genes	Total
In Neuron	41 (30.45)	54 (64.55)	95
Not IN Neuron	84 (94.55)	211 (200.45)	295
Total	125	265	390

chi2: 6.456, p: 0.0110604466, OR: 1.90719

	> cutoff	other genes	Total
In Neuron	8 (15.35)	87 (79.65)	95
Not IN Neuron	55 (47.65)	240 (247.35)	295
Total	63	327	390

chi2: 4.816, p: 0.0282027433, OR: 0.40125

	< cutoff	other genes	Total
In Endothelia	21 (22.76)	50 (48.24)	71
Not IN Endothelia	104 (102.24)	215 (216.76)	319
Total	125	265	390

chi2: 0.125, p: 0.7238743471, OR: 0.86827

	> cutoff	other genes	Total
In Endothelia	11 (11.47)	60 (59.53)	71
Not IN Endothelia	52 (51.53)	267 (267.47)	319
Total	63	327	390

chi2: 0.000, p: 0.9912466109, OR: 0.94135