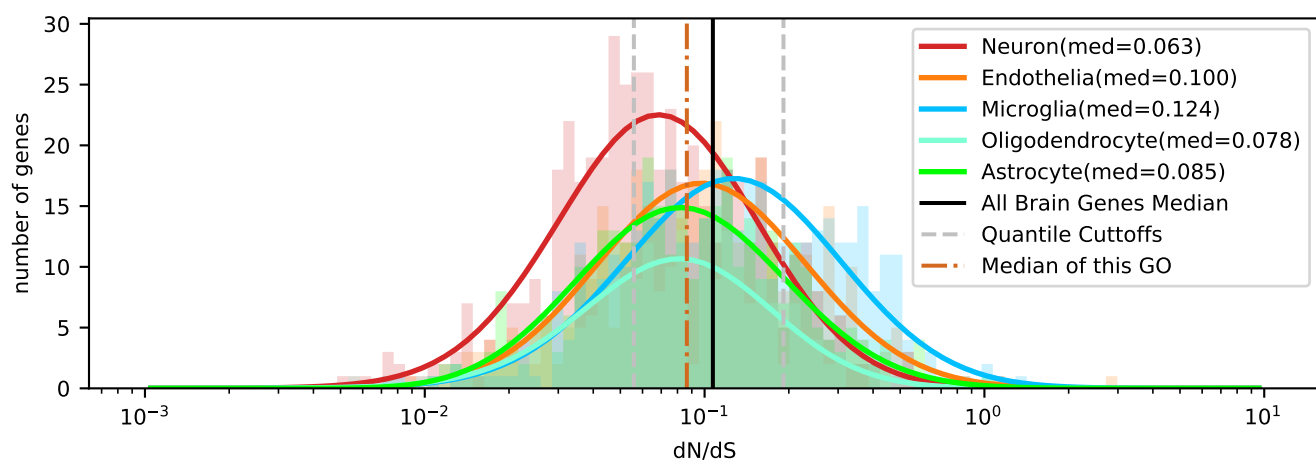


# Five Celltypes Distribution of Average dN/dS Scores of Genes Related to anatomical structure development



	< cutoff	other genes	Total
In Astrocyte	109 (104.11)	230 (234.89)	339
Not IN Astrocyte	465 (469.89)	1065 (1060.11)	1530
Total	574	1295	1869

chi2: 0.326, p: 0.5680241687, OR: 1.08541

	> cutoff	other genes	Total
In Astrocyte	57 (66.57)	282 (272.43)	339
Not IN Astrocyte	310 (300.43)	1220 (1229.57)	1530
Total	367	1502	1869

chi2: 1.877, p: 0.1706623745, OR: 0.79547

	< cutoff	other genes	Total
In Microglia	80 (127.15)	334 (286.85)	414
Not IN Microglia	494 (446.85)	961 (1008.15)	1455
Total	574	1295	1869

chi2: 31.726, p: 0.0000000178, OR: 0.46595

	> cutoff	other genes	Total
In Microglia	140 (81.29)	274 (332.71)	414
Not IN Microglia	227 (285.71)	1228 (1169.29)	1455
Total	367	1502	1869

chi2: 66.614, p: 0.0000000000, OR: 2.76408

	< cutoff	other genes	Total
In Oligodendrocyte	75 (68.79)	149 (155.21)	224
Not IN Oligodendrocyte	499 (505.21)	1146 (1139.79)	1645
Total	574	1295	1869

chi2: 0.776, p: 0.3783491667, OR: 1.15600

	> cutoff	other genes	Total
In Oligodendrocyte	28 (43.99)	196 (180.01)	224
Not IN Oligodendrocyte	339 (323.01)	1306 (1321.99)	1645
Total	367	1502	1869

chi2: 7.707, p: 0.0054998388, OR: 0.55036

	< cutoff	other genes	Total
In Neuron	216 (154.48)	287 (348.52)	503
Not IN Neuron	358 (419.52)	1008 (946.48)	1366
Total	574	1295	1869

chi2: 47.597, p: 0.0000000000, OR: 2.11909

	> cutoff	other genes	Total
In Neuron	56 (98.77)	447 (404.23)	503
Not IN Neuron	311 (268.23)	1055 (1097.77)	1366
Total	367	1502	1869

chi2: 30.799, p: 0.0000000286, OR: 0.42498

	< cutoff	other genes	Total
In Endothelia	94 (119.47)	295 (269.53)	389
Not IN Endothelia	480 (454.53)	1000 (1025.47)	1480
Total	574	1295	1869

chi2: 9.511, p: 0.0020428773, OR: 0.66384

	> cutoff	other genes	Total
In Endothelia	86 (76.38)	303 (312.62)	389
Not IN Endothelia	281 (290.62)	1199 (1189.38)	1480
Total	367	1502	1869

chi2: 1.709, p: 0.1910739433, OR: 1.21107