

Characteristic	IRR <sup>1</sup>	95% CI <sup>1</sup>	p-value
2021_WHO_Classification			
Pediatric-type diffuse low-grade gliomas, NOS	—	—	
Diffuse astrocytoma, MYB- or MYBL1-altered	0.17	0.11, 0.25	<0.001
Diffuse low-grade glioma, MAPK pathway-altered	1.38	1.27, 1.50	<0.001
Ganglioglioma	0.86	0.78, 0.96	0.005
Glioneuronal and neuronal tumors	0.10	0.05, 0.19	<0.001
Myxoid glioneuronal tumor	0.44	0.32, 0.59	<0.001
Pilocytic astrocytoma	1.17	1.07, 1.28	<0.001
Subependymal giant cell astrocytoma	0.38	0.31, 0.46	<0.001
cluster_assigned			
3	—	—	
1	1.28	1.17, 1.39	<0.001
2	0.55	0.48, 0.63	<0.001
2021_WHO_Classification * cluster_assigned			
Diffuse astrocytoma, MYB- or MYBL1-altered * 1			
Diffuse low-grade glioma, MAPK pathway-altered * 1	1.29	1.17, 1.43	<0.001
Ganglioglioma * 1	0.28	0.22, 0.36	<0.001
Glioneuronal and neuronal tumors * 1	0.26	0.01, 1.39	0.2
Myxoid glioneuronal tumor * 1	0.31	0.18, 0.50	<0.001
Pilocytic astrocytoma * 1	1.96	1.76, 2.18	<0.001
Subependymal giant cell astrocytoma * 1	0.50	0.35, 0.70	<0.001
Diffuse astrocytoma, MYB- or MYBL1-altered * 2	0.73	0.21, 1.89	0.6
Diffuse low-grade glioma, MAPK pathway-altered * 2	1.99	1.71, 2.33	<0.001
Ganglioglioma * 2	0.29	0.17, 0.47	<0.001
Glioneuronal and neuronal tumors * 2	0.60	0.03, 3.24	0.6
<sup>1</sup> IRR = Incidence Rate Ratio, CI = Confidence Interval			

Characteristic	IRR <sup>1</sup>	95% CI <sup>1</sup>	p-value
Myxoid glioneuronal tumor * 2			
Pilocytic astrocytoma * 2	5.28	4.54, 6.16	<0.001
Subependymal giant cell astrocytoma * 2			
<sup>1</sup> IRR = Incidence Rate Ratio, CI = Confidence Interval			