

On-line Table: Correlation of codeletion of 1p/19q with MR imaging features

	Total (N = 148)	WHO 2016		P Value
		Oligodendroglioma (1p/19q codeleted) (n = 90)	Astrocytoma (non-1p/19q codeleted) (n = 58)	
Location (predominant)				.02 ^a
Cerebellar	1 (0.7%)	0 (0%)	1 (1.7%)	
Deep gray	1 (0.7%)	0 (0%)	1 (1.7%)	
Frontal	101 (68.2%)	66 (73.3%)	35 (60.3%)	
Insular	11 (7.4%)	4 (4.4%)	7 (12.1%)	
Parietal	20 (13.5%)	15 (16.7%)	5 (8.6%)	
Temporal	14 (9.5%)	5 (5.6%)	9 (15.5%)	
Circumscribed (partial/yes)	39 (26.4%)	7 (7.8%)	32 (55.2%)	<.0001 ^a
Sharp T1 border	26 (17.6%)	3 (3.3%)	23 (39.7%)	<.0001 ^a
Sharp T2 border	25 (16.9%)	3 (3.3%)	22 (37.9%)	<.0001 ^a
Smooth contour on T2	21 (14.2%)	4 (4.4%)	17 (29.3%)	<.0001 ^a
Homogeneous on T1	9 (6.1%)	1 (1.1%)	8 (13.8%)	.003 ^a
Homogeneous on T2	7 (4.7%)	1 (1.1%)	6 (10.3%)	.01 ^a
Paramagnetic susceptibility	27/147 (18.4%)	17/89 (19.1%)	10/58 (17.2%)	.83 ^a
Necrosis or cystic change	77 (52.0%)	50 (55.6%)	27 (46.6%)	.31 ^a
Contrast-enhancement	50/146 (34.3%)	30/88 (34.1%)	20/58 (34.5%)	1.0 ^a
Cross midline or bilateral	28 (18.9%)	16 (17.8%)	12 (20.7%)	.67 ^a
Overall mean of ADC				.0005 ^b
No.	65	38	27	
Median (IQR)	1.4 (1.2–1.5)	1.3 (1.2–1.4)	1.5 (1.4–1.8)	
Minimum ADC				.004 ^b
No.	65	38	27	
Median (IQR)	1.2 (1.1–1.3)	1.2 (1.0–1.2)	1.4 (1.1–1.7)	
Maximum ADC				.0008 ^b
No.	65	38	27	
Median (IQR)	1.7 (1.4–1.9)	1.6 (1.3–1.8)	1.9 (1.6–2.2)	

Note:—IQR indicates interquartile range; max, maximum; min, minimum.

^a Fisher exact test.

^b Kruskal-Wallis test.