OS: N = 514 with 109 events

	HR (95% CI)	P−value
Biopsy only	1.00 (NA−NA)	
Gross/Near total resection	0.21 (0.1−0.4)	P < 0.01
Partial resection	0.35 (0.2−0.6)	P < 0.01
LGG	1.00 (NA−NA)	
non−LGG	17.69 (5.0−62.1)	P < 0.01
Cluster 6	1.00 (NA−NA)	
Cluster 1	4.27 (0.4−43.0)	P = 0.22
Cluster 10	4.32 (0.5−36.0)	P = 0.18
Cluster 2	4.58 (0.5−41.2)	P = 0.17
Cluster 3	6.87 (0.9−55.5)	P = 0.07
Cluster 4	7.73 (1.0−58.1)	P = 0.05
Cluster 5	4.37 (0.6−34.6)	P = 0.16
Cluster 7	19.28 (2.6−143.5)	P < 0.01
Cluster 8	9.00 (1.2−68.9)	P = 0.03
Cluster 9	5.47 (0.7−41.2)	P = 0.10
CLK1 ex4 PSI	0.17 (0.1−0.5)	P < 0.01
age at diagnosis years	0.96 (0.9−1.0)	P = 0.04

Hazard Ratio ± 95% CI