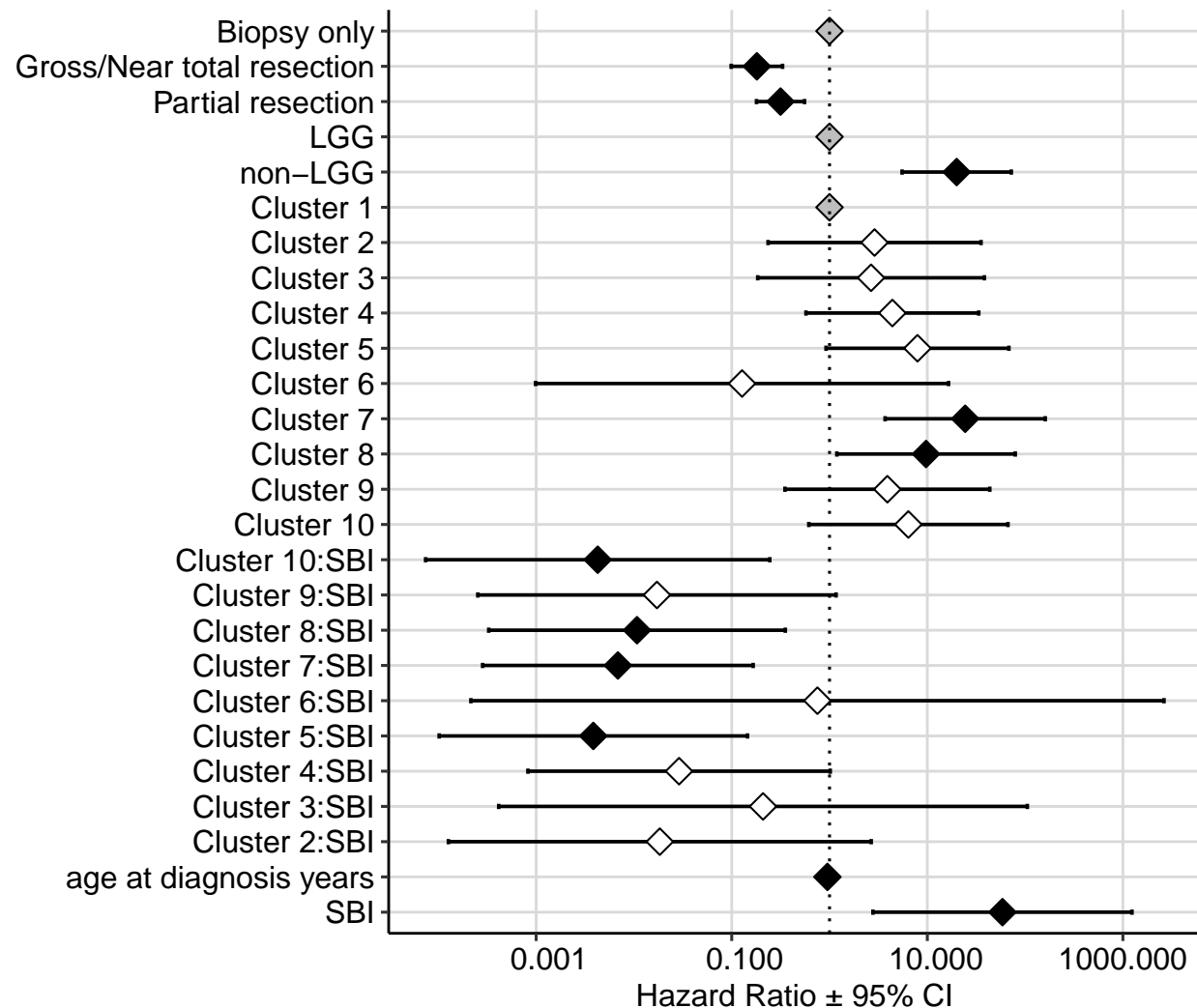


OS: N = 515 with 109 events



HR (95% CI)

P-value

Biopsy only	1.00 (NA-NA)	
Gross/Near total resection	0.18 (0.1–0.3)	P < 0.01
Partial resection	0.32 (0.2–0.6)	P < 0.01
LGG	1.00 (NA-NA)	
non-LGG	19.96 (5.5–72.2)	P < 0.01
Cluster 1	1.00 (NA-NA)	
Cluster 2	2.89 (0.2–35.4)	P = 0.41
Cluster 3	2.66 (0.2–38.4)	P = 0.47
Cluster 4	4.39 (0.6–33.6)	P = 0.15
Cluster 5	7.93 (0.9–68.3)	P = 0.06
Cluster 6	0.13 (0.0–16.5)	P = 0.41
Cluster 7	24.39 (3.7–160.7)	P < 0.01
Cluster 8	9.70 (1.2–79.3)	P = 0.03
Cluster 9	3.90 (0.4–43.5)	P = 0.27
Cluster 10	6.40 (0.6–66.8)	P = 0.12
Cluster 10:SBI	0.00 (0.0–0.2)	P < 0.01
Cluster 9:SBI	0.02 (0.0–1.2)	P = 0.06
Cluster 8:SBI	0.01 (0.0–0.4)	P = 0.01
Cluster 7:SBI	0.01 (0.0–0.2)	P < 0.01
Cluster 6:SBI	0.75 (0.0–2632.8)	P = 0.95
Cluster 5:SBI	0.00 (0.0–0.1)	P < 0.01
Cluster 4:SBI	0.03 (0.0–1.0)	P = 0.05
Cluster 3:SBI	0.21 (0.0–105.4)	P = 0.62
Cluster 2:SBI	0.02 (0.0–2.7)	P = 0.12
age at diagnosis years	0.95 (0.9–1.0)	P = 0.01
SBI	58.68 (2.8–1238.5)	P < 0.01