Table S2 Cox regression analyses to explore the independent indicators of PFI in Gliomas

| Characteristics | Total(N) | Univariate analysis | |  | Multivariate analysis | |
| --- | --- | --- | --- | --- | --- | --- |
| Hazard ratio (95% CI) | P value | Hazard ratio (95% CI) | P value |
| WHO grade | 634 |  |  |  |  |  |
| G2 | 223 | Reference |  |  |  |  |
| G3 | 243 | 1.616 (1.197-2.182) | **0.002** |  | 1.098 (0.771-1.565) | 0.603 |
| G4 | 168 | 7.865 (5.808-10.649) | **<0.001** |  | 2.002 (0.674-5.946) | 0.212 |
| IDH status | 685 |  |  |  |  |  |
| WT | 246 | Reference |  |  |  |  |
| Mut | 439 | 0.151 (0.119-0.191) | **<0.001** |  | 0.412 (0.264-0.643) | **<0.001** |
| 1p/19q codeletion | 688 |  |  |  |  |  |
| codel | 170 | Reference |  |  |  |  |
| non-codel | 518 | 3.373 (2.438-4.666) | **<0.001** |  | 1.195 (0.744-1.921) | 0.460 |
| Primary therapy outcome | 461 |  |  |  |  |  |
| PD | 112 | Reference |  |  |  |  |
| SD | 147 | 0.253 (0.178-0.358) | **<0.001** |  | 0.264 (0.177-0.394) | **<0.001** |
| PR | 64 | 0.226 (0.137-0.372) | **<0.001** |  | 0.233 (0.125-0.435) | **<0.001** |
| CR | 138 | 0.160 (0.104-0.246) | **<0.001** |  | 0.182 (0.113-0.295) | **<0.001** |
| Gender | 695 |  |  |  |  |  |
| Female | 297 | Reference |  |  |  |  |
| Male | 398 | 1.083 (0.875-1.342) | 0.463 |  |  |  |
| Age | 695 |  |  |  |  |  |
| <=60 | 552 | Reference |  |  |  |  |
| >60 | 143 | 2.873 (2.268-3.640) | **<0.001** |  | 2.122 (1.399-3.219) | **<0.001** |
| Histological type | 695 |  |  |  |  |  |
| Astrocytoma | 195 | Reference |  |  |  |  |
| Glioblastoma | 168 | 4.416 (3.353-5.816) | **<0.001** |  |  |  |
| Oligoastrocytoma | 134 | 0.578 (0.401-0.832) | **0.003** |  | 0.850 (0.550-1.314) | 0.464 |
| Oligodendroglioma | 198 | 0.638 (0.469-0.868) | **0.004** |  | 0.677 (0.440-1.040) | 0.075 |
| TRIM6 | 695 |  |  |  |  |  |
| Low | 347 | Reference |  |  |  |  |
| High | 348 | 2.942 (2.354-3.676) | **<0.001** |  | 1.090 (0.766-1.551) | 0.633 |