

STable 3 Univariate regression and multivariate survival model of PFS in patients with glioma.

| Characteristics | Total(N) | Univariate analysis | | Multivariate analysis | |
|--------------------------------|----------|-----------------------|------------------|-----------------------|------------------|
| | | Hazard ratio (95% CI) | P value | Hazard ratio (95% CI) | P value |
| WHO grade | 634 | | | | |
| G2 | 223 | | | | |
| G3 | 243 | 1.616 (1.197-2.182) | 0.002 | 1.286 (0.840-1.969) | 0.247 |
| G4 | 168 | 7.865 (5.808-10.649) | <0.001 | 1.988 (0.520-7.611) | 0.316 |
| 1p/19q codeletion | 688 | | | | |
| codel | 170 | | | | |
| non-codel | 518 | 3.373 (2.438-4.666) | <0.001 | 1.045 (0.597-1.830) | 0.876 |
| Primary therapy outcome | 259 | | | | |
| SD | 147 | | | | |
| PD | 112 | 3.826 (2.700-5.421) | <0.001 | 4.146 (2.740-6.274) | <0.001 |
| RPL4P4 | 695 | | | | |
| Low | 348 | | | | |
| High | 347 | 1.588 (1.282-1.967) | <0.001 | 1.019 (0.682-1.521) | 0.928 |
| IDH status | 685 | | | | |
| Mut | 439 | | | | |
| WT | 246 | 6.627 (5.231-8.396) | <0.001 | 2.886 (1.714-4.858) | <0.001 |
| Age | 695 | | | | |
| >60 | 143 | | | | |

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| | | Hazard ratio (95% CI) | P value | Hazard ratio (95% CI) | P value |
| <=60 | 552 | 0.348 (0.275-0.441) | < 0.001 | 0.527 (0.336-0.826) | 0.005 |
| Histological type | 695 | | | | |
| Astrocytoma | 195 | | | | |
| Oligoastrocytoma | 134 | 0.578 (0.401-0.832) | 0.003 | 1.134 (0.699-1.839) | 0.611 |
| Oligodendroglioma | 198 | 0.638 (0.469-0.868) | 0.004 | 0.599 (0.364-0.984) | 0.043 |
| Glioblastoma | 168 | 4.416 (3.353-5.816) | < 0.001 | | |
| Gender | 695 | | | | |
| Female | 297 | Reference | | | |
| Male | 398 | 1.083 (0.875-1.342) | 0.463 | | |