**S6 Table. Postoperative recurrence risk analyzed by univariable and multivariable Cox regression (n=89)**

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| **Univariable Cox regression** | **Multivariable Cox regression** |
| **Feature** | **Hazard ratio** | **95%CI** | **P value** | **Hazard ratio** | **95%CI** | **P value** |
| Group (pCR vs. non-pCR) | 0.086 | 0.012--0.645 | 0.017 | 0.496 | 0.062--3.992 | 0.51 |
| HR\_feature (Yes vs.No) | 7.248 | 2.133--24.63 | 0.002 | 12.73 | 1.635--99.07 | 0.015 |
| Time5\_ctDNA\_clearance | 0.434 | 0.141--1.332 | 0.145 | 0.535 | 0.166--1.723 | 0.294 |
| Time5\_driver\_mutation\_detection | 14.329 | 5.351--38.37 | <0.001 | 11.94 | 3.697--38.57 | <0.001 |

pCR: pathological complete response; ctDNA: circulating tumor DNA; HR\_feature: high-risk feature; 95%CI: 95% confidence interval.