

Supplementary Table 3. Multivariate Cox regression analysis

| Model 1 | HR | 95% CI | | P-value |
|---------------------------|-----------|---------------|--------------|----------------|
| | | lower | upper | |
| TLS density (High vs Low) | 0.6005 | 0.3836 | 0.9398 | 0.0256 |
| TMB (High vs Low) | 0.5752 | 0.3699 | 0.8945 | 0.0141 |

| Model 2 | HR | 95% CI | | P-value |
|-------------------------------|-----------|---------------|--------------|----------------|
| | | lower | upper | |
| Stage III vs Stage I+II | 1.5296 | 0.6349 | 3.685 | 0.34349 |
| Stage IV vs Stage I+II+III | 3.9783 | 1.6443 | 9.625 | 0.00219 |
| Vascular invasion (Yes vs No) | 1.9154 | 1.0621 | 3.454 | 0.03075 |
| TLS density (High vs Low) | 0.8096 | 0.4659 | 0.4659 | 1.407 |
| TMB (High vs Low) | 0.6108 | 0.3582 | 1.041 | 0.07011 |