

**S4 Table.** AUC and cut-off values according to the TILs in the training set (n=221)

|          | AUC (95% CI)     | Cut-off point |
|----------|------------------|---------------|
| CD3_IM   | 0.55 (0.44-0.66) | 11.3          |
| CD3_TC   | 0.50 (0.40-0.60) | 9.2           |
| CD8_IM   | 0.50 (0.38-0.61) | 28.2          |
| CD8_TC   | 0.59 (0.49-0.69) | 18.5          |
| FOXP3_IM | 0.52 (0.41-0.63) | 15.1          |
| FOXP3_TC | 0.53 (0.42-0.64) | 20.3          |

AUC, area under the curve; CI, confidence interval; IM, invasive margin; TC, tumor center; TIL, tumor-infiltrating lymphocyte.