# Supplemental Figure 2

**MSI, POLE, and POLD1 are better predictors of TMB than histology.** A multivariable model was constructed from all evaluable specimens in the database, evaluating the independent contributions to TMB levels.



| Variable | | N | Estimate | Estimate (95% CI) | p-value |
|---|---|---|---|---|---|
| **MSI** | MSS | 902 | | Reference | |
| | MSI-H | 195 | | 2.89 (2.73, 3.05) | <0.001 |
| **POLE status** | wild-type | 1088 | | Reference | |
| | mutation | 9 | | 4.88 (4.26, 5.50) | <0.001 |
| **POLD1 status** | wild-type | 1094 | | Reference | |
| | mutation | 3 | | 2.28 (1.22, 3.35) | <0.001 |
| **CTNNB1 status** | wild-type | 873 | | Reference | |
| | mutation | 224 | | 0.03 (-0.13, 0.19) | 0.695 |
| **TP53 status** | wild-type | 484 | | Reference | |
| | mutation | 613 | | 0.12 (-0.03, 0.27) | 0.106 |
| **Histology** | Carcinosarcoma | 153 | | Reference | |
| | Clear cell carcinoma | 52 | | 0.25 (-0.05, 0.55) | 0.101 |
| | Endometrial cancer, NOS | 86 | | 0.28 (0.03, 0.54) | 0.030 |
| | Endometrioid carcinoma | 503 | | 0.06 (-0.13, 0.25) | 0.524 |
| | Serous carcinoma | 303 | | 0.12 (-0.07, 0.30) | 0.215 |
| **Specimen Timing** | Tx Naive | 416 | | Reference | |
| | Other | 681 | | 0.17 (0.05, 0.28) | 0.005 |