The following is the contingency table used for computing fisher’s exact test, and chisq.test. The top row lists different subtypes, the top column lists the classes based on automatic predictions.

For example, High-High means automatically predicted high tmb, and high entropy in tmb prediction map.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Luminal-papillary | Luminal-infiltrated | Luminal | Basal squamous | neuronal |
| High-High | 13 | 20 | 2 | 27 | 5 |
| High-Low | 14 | 18 | 6 | 17 | 5 |
| Low-High | 10 | 25 | 1 | 18 | 2 |
| Low-Low | 13 | 28 | 5 | 15 | 2 |

Using Fisher’s exact test: p-value=0.3072

Using chi-squared test: p-value=0.289

Unfortunately we have not found strong correlations.