

S2 Table.**Cox regression: Cancer-related mortality***

| Variables | P value |
|--------------------------------------|---------|
| Age group: Above vs. below median | 0.15 |
| Sex | 0.2 |
| Race | 0.77 |
| Tumor size: Above vs. below median | 0.09 |
| High pT stage (>pT1a) | 0.09 |
| High Fuhrman grade (>2) | 0.053 |
| Tumor multifocality | 0.4 |
| Invasion of surgical margins | 0.55 |
| Tumor progression | 0.0016 |
| High 5hmC expression (upper median) | 0.15 |
| High 5hmC expression (upper tertile) | 0.33 |