Supplementary Material

Supplementary Table 1. VIFs\* of included variables in regression models.

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| --- | --- | --- |
|  | OS | RCSS |
| Marital status | 1.00 | 1.02 |
| Year of diagnosis | 1.02 | 1.88 |
| Age | 1.04 | 1.21 |
| Sex | 1.01 | 1.05 |
| Race | 1.01 | 1.01 |
| Grade | 1.01 | 1.02 |
| AJCC T stage | 1.15 | 1.17 |
| Surgery | 1.18 | 1.31 |
| Radiotherapy | 3.14 | 3.51 |
| Chemotherapy | 3.07 | 3.23 |

\*: The *“rms”* package in R was used to calculate variance inflation factors.

**Abbreviations**: VIF, variance inflation factor; OS, overall survival; RCSS, rectal cancer-specific survival; AJCC, American Joint Committee on Cancer system.