## SUPPLEMENTARY TABLE

Supplementary Table 1. Hazard ratios (HRs) with $95 \%$ confidence intervals ( $95 \% \mathrm{CIs}$ ) of prostate cancer (PCa) deaths for men received both prostatectomy and radiotherapy versus only prostatectomy or radiotherapy in PLCO.

| $\mathbf{P L C O}$ | No. of patients <br> (deaths/total) | $\mathbf{H R}^{\mathbf{a}}$ | $\mathbf{9 5 \%} \mathbf{C I}^{\mathbf{a}}$ | $\boldsymbol{p}^{\boldsymbol{a}}$ | $\mathbf{H R}^{\mathbf{b}}$ | $\mathbf{9 5 \%} \mathbf{C I}^{\mathbf{b}}$ | $\boldsymbol{p}^{\boldsymbol{b}}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Both prostatectomy and <br> radiotherapy Verse <br> prostatectomy | $301 / 3,105$ | 1.23 | $0.75-2.00$ | 0.42 | 1.13 | $0.67-1.90$ | 0.64 |
| Both prostatectomy and <br> radiotherapy Verse <br> radiotherapy | $510 / 3,579$ | 0.82 | $0.50-1.33$ | 0.41 | 0.83 | $0.50-1.38$ | 0.47 |

${ }^{\text {a }}$ unadjusted.
${ }^{\text {b }}$ adjusted age at diagnosis (5-year groups), TNM stage (continuous), grade (continuous), smoke (categorical), education levels (continuous), race (categorical), body mass index (continuous), aspirin does (continuous), diabetes (categorical) and family history (categorical).
Abbreviation: PLCO, the Prostate, Lung, Colorectal, and Ovarian.

