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

| PLCO                                      | No. of patients (deaths/total) | HR\(^a\) | 95% CI\(^a\) | \(p^a\) | HR\(^b\) | 95% CI\(^b\) | \(p^b\) |
|-------------------------------------------|--------------------------------|----------|--------------|--------|----------|--------------|--------|
| Both prostatectomy and radiotherapy Verse prostatectomy | 301/3, 105                     | 1.23     | 0.75–2.00    | 0.42   | 1.13     | 0.67–1.90    | 0.64   |
| Both prostatectomy and radiotherapy Verse radiotherapy  | 510/3, 579                     | 0.82     | 0.50–1.33    | 0.41   | 0.83     | 0.50–1.38    | 0.47   |

\(^a\) unadjusted.
\(^b\) 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.