

Supplementary Table 3. Survival analysis before and after PS matching

|                             | Event (n, %)          |
|-----------------------------|-----------------------|
| Before PS matching          |                       |
| 90-day mortality            |                       |
| Inhalation                  | 5,795/194,895 (3.0)   |
| TIVA                        | 1,292/58,108 (2.2)    |
| 90-day cancer mortality     |                       |
| Inhalation                  | 4,762/194,895 (2.4)   |
| TIVA                        | 1,094/58,108 (1.9)    |
| 90-day non-cancer mortality |                       |
| Inhalation                  | 1,033/194,895 (0.5)   |
| TIVA                        | 198/58,108 (0.3)      |
| 1-year all-cause mortality  |                       |
| Inhalation                  | 19,689/194,895 (10.1) |
| TIVA                        | 4,598/58,108 (7.9)    |
| 1-year cancer mortality     |                       |
| Inhalation                  | 15,533/194,895 (8.0)  |
| TIVA                        | 3,738/58,108 (6.4)    |
| 1-year non-cancer mortality |                       |
| Inhalation                  | 4,156/194,895 (2.1)   |
| TIVA                        | 860/58,108 (1.5)      |
| After PS matching           |                       |
| 90-day mortality            |                       |
| Inhalation                  | 1,409/57,685 (2.4)    |
| TIVA                        | 1,287/57,685 (2.2)    |
| 90-day cancer mortality     |                       |
| Inhalation                  | 1,160/57,685 (2.0)    |

|                             |                    |
|-----------------------------|--------------------|
| TIVA                        | 1,091/57,685 (1.9) |
| 90-day non-cancer mortality |                    |
| Inhalation                  | 249/57,685 (0.4)   |
| TIVA                        | 196/57,685 (0.3)   |
| 1-year all-cause mortality  |                    |
| Inhalation                  | 4,908/57,685 (8.5) |
| TIVA                        | 4,578/57,685 (7.9) |
| 1-year cancer mortality     |                    |
| Inhalation                  | 3,999/57,685 (6.9) |
| TIVA                        | 3,723/57,685 (6.5) |
| 1-year non-cancer mortality |                    |
| Inhalation                  | 909/57,685 (1.6)   |
| TIVA                        | 855/57,685 (1.5)   |

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PS, propensity score; HR, hazard ratio; CI, confidence interval; TIVA, total intravenous anesthesia