

**Supplemental Table 5. Sensitivity Analysis of PaCO<sub>2</sub> as a Predictor of Survival**

| <b>Study</b>   | <b>I<sup>2</sup></b> | <b>SMD</b>            | <b>P</b> |
|--|----------------------|-----------------------|----------|
| Omitting Anton-Martin 2020   | 0%                   | -0.13 [-0.32 - 0.06]  |          |
| Omitting Brunner   | 0%                   | -0.13 [-0.31 - 0.05]  |          |
| Omitting De Mul 2018   | 0%                   | -0.12 [-0.25 - 0.01]  |          |
| Omitting Huang 2012  | 0%                   | -0.15 [-0.24 - -0.07] | *        |
| Omitting McMullan 2014   | 0%                   | -0.12 [-0.42 - 0.18]  |          |
| *P values are coded as * if less than 0.05.<br>This leave-one-out sensitivity analysis found that PaCO <sub>2</sub> was not a significant predictor of mortality in 4 of 5 analyses. |                      |                       |          |