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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Suppl 5. Sensitivity analyses of the comparative mortality among mechanically ventilated hospitalizations with COVID-19 vs influenzaa** | | | | | |  |  |  |  |  | | **Group** | **COVID-19** | **Influenza** | **aRRb (95% CI)c** | **aRDd (95% CI)c** | |  | *no. of events / total no. (%)* | |  |  | | Hospital mortality of the whole cohort | 7,968 / 19,659 (40.5) | 342 / 2,536 (13.5) | 1.47 (1.37 to 1.60) | 11.4 (9.5 to 13.4) | | Short-term mortality during October 1, 2021-March 31, 2022 |  |  |  |  | | and October 1, 2022-March 31, 2023 | 8,642 / 16,676 (51.8) | 450 / 2,174 (20.7) | 1.26 (1.20 to 1.34) | 9.9 (7.9 to 11.9) | | Short-term mortality during July 1, 2022-Septemebr 30, 2022 | 770 / 2,267 (34.0) | 25 / 101 (24.8) | 1.15 (0.93 to 1.44) | 4.6 (-2.2 to 11.2) | | Short-term mortality during October 1, 2022-Decmeber 31, 2022 | 445 / 1,281 (34.7) | 236 / 1,230 (19.2) | 1.17 (1.07 to 1.31) | 4.3 (1.8 to 7.5) | | Short-term mortality during January 1, 2023-March 31, 2023 | 713 / 1,957 (36.4) | 117 / 502 (23.3) | 1.19 (1.07 to 1.34) | 5.5 (2.3 to 9.0) | | a All analyses were performed using overlap propensity score weighting |  |  |  |  | | b aRR: adjusted risk ratio |  |  |  |  | | c 95% CI: 95% confidence intervals. Non-parametric bootstrap 95% confidence intervals were determined | | |  |  | | using 10,000 bootstrap samples |  |  |  |  | | d aRD: adjusted risk difference. The risk difference represents the absolute difference in risk of short-term | | |  |  | | mortality between mechanically ventilated hospitalizations with COVID-19 vs those with influenza, | | |  |  | | expressed as percentage. |  |  |  |  | |