**Supplemental Table S3:** Multivariable regression analysis results for the requirement of renal replacement therapy among patients with severe COVID-19 infection and concurrent Acute Kidney Injury (AKI) admitted to the ICU during their hospital stay.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **~~Odds Ratio~~** | **~~p-value~~** | **~~95% CI~~** |
| ~~Sex (male)~~ | ~~3.06~~ | **~~0.031~~** | ~~1.11-8.46~~ |
| ~~BMI (kg/m~~~~2~~~~)~~ | ~~1.07~~ | **~~0.026~~** | ~~1.01-1.13~~ |
| ~~Productive cough~~ | ~~1.00~~ |  |  |
| ~~Hypertension~~ | ~~2.85~~ | **~~0.023~~** | ~~1.16-7.02~~ |
| ~~Diabetes mellitus~~ | ~~1.38~~ | ~~0.451~~ | ~~0.59-3.21~~ |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Odds Ratio** | **p-value** | **95% CI** |
| Sex (male) | 3.05 | **0.033** | 1.09-8.50 |
| BMI (kg/m2) | 1.06 | **0.031** | 1.01-1.13 |
| Productive cough | 1.00 |  |  |
| Hypertension | 3.15 | **0.007** | 1.36-7.28 |
| Steroid/immunosuppressant drug use | 1.97 | 0.380 | 0.43-8.94 |
| Admission CK (U/L) | 1.00 | 0.401 | 0.99-1.00 |

Abbreviations – CI: Confidence Intervals; BMI: Body Mass Index.