

S5 Table. Regression using negative binomial model and ventilation days as the outcome. *p*, P-value, *CI*, confidence interval

| Ventilation Days | | | |
|---------------------------------------|------------------------------|------------------|------------------|
| <i>Predictors</i> | <i>Incidence Rate Ratios</i> | <i>CI</i> | <i>p</i> |
| Age (Years) | 1.0153 | 0.9947 – 1.0363 | 0.146 |
| % ACE2 positive (BAL exosomes) | 0.9923 | 0.9869 – 0.9979 | 0.007 |
| Sex [M] | 5.3818 | 1.4056 – 20.6056 | 0.014 |
| Hypertension | 0.4474 | 0.0416 – 4.8157 | 0.507 |
| BAL <i>C. albicans</i> [Positive] | 1.6952 | 1.2044 – 2.3859 | 0.002 |
| Blood culture final result [Positive] | 1.0380 | 0.8232 – 1.3089 | 0.752 |
| (Intercept) | 20.4347 | 6.0498 – 69.0235 | <0.001 |
| Observations | 80 | | |
| R² Nagelkerke | 0.483 | | |