Supplementary Material

# Supplementary Data

**Supplementary data 1.** R PACKAGE

TABLES, STATISTICAL TESTS AND UNIVARIATE REGRESSION -> gtsummary (https://www.danieldsjoberg.com/gtsummary/)

DATA IMPORTING, TRANSFORMATION, MANIPULATION AND VISUALIZATION -> tidyverse (https://www.tidyverse.org/)

MULTIVARIATE

REGRESSION -> stats (https://www.rdocumentation.org/packages/stats/versions/3.6.2/topics/glm)

VIF EVALUATION -> car (https://rdrr.io/cran/car/man/vif.html)

NORMALITY TEST -> nortest (<https://cran.r-project.org/web/packages/nortest/index.html>)

# Supplementary Figures and Tables

## Supplementary Tables

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Characteristic | Overall N = 291 | Alpha/Gamma N = 151 | DeltaN = 15 | Omicron N = 125 | p-value*\** |
| ICU admission, n(%)*†* | 123(42.27%) | 63(41.72%) | 13(86.67%) | 47(37.60%) | **<0.01** |
| Mechanical ventilation, n(%) | 28(9.62%) | 22(14.57%) | 0(0.00%) | 6(4.80%) | **0.01** |
| Antibiotics, n(%) | 173(59.45%) | 98(64.90%) | 12(80.00%) | 63(50.40%) | **0.01** |
| Corticosteroids, n(%) | 203(69.76%) | 141(93.38%) | 6(40.00%) | 56(44.80%) | **<0.01** |
| Remdesivir, n(%) | 36(12.37%) | 13(8.61%) | 2(13.33%) | 21(16.80%) | 0.10 |
| *\** Pearson’s Chi-squared test; Fisher’s exact test *†* ICU = Intensive Care Unit |

**Supplementary Table 1.** COVID-19 management for hospitalized patients

## Supplementary FigureSupplementary Figure . Distribution of 90 day-symptom of Long COVID patients by studied groups (hospitalized and non-hospitalized)



**Supplementary Figure 2.** Mean EQ-VAS by long COVID presence in hospitalized patients in T30 and T90 times

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**Supplementary Figure 3.** Receiver operating characteristic (ROC) analysis– Hospitalized Group



**Supplementary Figure 4.** Receiver operating characteristic (ROC) analysis–Non- hospitalized Group