# SUPPLEMENTARY TABLES

**Supplementary Table 1. Multivariate logistic regression analysis of inflammatory cytokines (/mL) in severe or critical COVID-19 patients.**

| Parameter | β | Wald $\chi^2$ | OR (95% CI) | *p*-value |
|---|---|---|---|---|
| **Intercept** | –5.307 | –4.77 | – | <0.0001 |
| **Sex (F:M)** | 0.5965 | 1.78 | 0.551 (0.285–1.063) | 0.0753 |
| **Age** | 0.0374 | 2.46 | 1.688 (1.113–2.559) | 0.0138 |
| **IL-2R** | 0.0007 | 2.02 | 1.588 (1.014–2.486) | 0.0434 |
| **IL-6** | 0.0078 | 1.99 | 1.347 (1.005–1.805) | 0.0461 |
| **IL-8** | 0.0221 | 2.44 | 1.509 (1.085–2.100) | 0.0146 |
| **IL-10** | 0.0798 | 2.17 | 1.118 (1.011–1.237) | 0.0300 |

Abbreviations: M: male; F: female; IL: interleukin.

**Supplementary Table 2. Multivariate logistic regression analysis of lymphocyte subsets (/$\mu$L) in severe or critical COVID-19 patients.**

| Parameter | β | Wald $\chi^2$ | OR (95% CI) | *p*-value |
|---|---|---|---|---|
| **Intercept** | 1.3696 | 0.92 | – | 0.3554 |
| **Sex (M:F)** | 0.1306 | 0.27 | 1.139 (0.446–2.912) | 0.7850 |
| **Age** | 0.0106 | 0.54 | 1.172 (0.659–2.080) | 0.5890 |
| **T cells** | –0.0036 | –3.90 | 0.110 (0.036–0.333) | <0.0001 |
| **B cells** | –0.0003 | –0.11 | 0.959 (0.451–2.037) | 0.9130 |
| **Th cells** | –0.0002 | –0.24 | 0.920 (0.471–1.799) | 0.8079 |

Abbreviations: M: male; F: female; Th: helper T cells.