

**Table S2 related to Figure 3.** Median level of biochemical parameters according to disease severity of COVID-19

| Parameters    | Reference values | SARS-CoV-2 PCR Result |                  |          | SARS-CoV-2 positive cases clinical presentation |                     |                     | P value** |
|---------------|------------------|-----------------------|------------------|----------|-------------------------------------------------|---------------------|---------------------|-----------|
|               |                  | Negative              | Positive         | P value* | Asymptomatic                                    | Mild                | Severe              |           |
|               |                  | Md(IQR)               | Md (IQR)         |          | M (IQR)                                         | M (IQR)             | M (IQR)             |           |
| GLUC (mmol/L) | 3.6- 6.4         | 3.7 (3.4-5.1)         | 5.1 (4.3-7.4)    | 0.0006   | 4.65 (4.225-5.5)                                | 4.8 (4.175-5.9)     | 8.75 (5.05-13.28)   | 0.0001    |
| CHOL (mg/dL)  | 77- 208          | 126 (107-156)         | 134 (112-155)    | 0.7883   | 140.8 (124.1-179.8)                             | 134.4 (104.3-151.4) | 124.5 (93.2-144.6)  | 0.1563    |
| TRIGL (mg/dL) | 35- 195          | 79 (47-115)           | 74 (55-123)      | 0.5891   | 78.77 (57.75-124.3)                             | 55.55 (42.04-73.01) | 98.24 (71.46-151.1) | 0.029     |
| BILT (umol/L) | 2.9- 37.0        | 6.8 (3.9-8.8)         | 5.1 (3-7.3)      | 0.1957   | 6.16 (4.455-10.09)                              | 4.67 (2.223-7.925)  | 4.92 (2.763-7.15)   | 0.2786    |
| AST (U/L)     | 14- 60           | 24 (20-27)            | 26 (19-42)       | 0.2238   | 24 (17.25-29.5)                                 | 21.5 (16.5-26.5)    | 42 (25.5-51)        | 0.0007    |
| ALT (U/L)     | 8.0- 61          | 18 (13-23)            | 20 (13-36)       | 0.303    | 40 (19.5-48)                                    | 18.75 (13-145)      | 64.25 (25.5-309)    | 0.0109    |
| C-RP (mg/L)   | ≤9.5             | 1.4 (0.69-4.2)        | 7.5 (1.6-103)    | 0.0068   | 2.275 (0.7675-6.858)                            | 1.66 (0.6175-7.635) | 112.2 (106.4-187.4) | <0.0001   |
| ALB (g/dL)    | 3.5- 5.2         | 4.7 (4.4-4.8)         | 4.2 (3.7-4.4)    | 0.0004   | 4.3 (3.89-4.4)                                  | 4.4 (4.293-4.675)   | 3.65 (3.325-4.225)  | <0.0001   |
| CREA (mg/dL)  | 0.37- 1.1        | 0.9 (0.69-1)          | 0.75 (0.66-0.98) | 0.3901   | 0.765 (0.6425-0.8875)                           | 0.695 (0.6-0.795)   | 0.85 (0.7-1.13)     | 0.0779    |
| UA (mg/dL)    | 1.53- 6.71       | 4.7 (3.8-5.6)         | 4.2 (3.5-5.5)    | 0.563    | 4.25 (3.275-5.5)                                | 3.95 (3-5.475)      | 4.7 (3.5-6)         | 0.654     |
| URE (mg/dL)   | 5.40- 34.23      | 19 (14-23)            | 21 (16-29)       | 0.2143   | 18.27 (14.26-23.33)                             | 19.11 (16.26-22.66) | 27.55 (21.77-38.35) | 0.0024    |

**Legends:** Not applicable (NA); Median (Md); Interquartile range (IQR); Glucose, (GLUC); Cholesterol, (CHOL); Triglycerides, (TRIG); Total Bilirubin (BILT); Aspartate aminotransferase, (AST); Alanine aminotransferase, (ALT); C-reactive protein, (C-RP); Albumin, (ALB), Creatinine, (CREA); Uric Acid (UA); Urea, (URE). With an  $\alpha=0.05$  \*Mann Whitney, \*\*Kruskal-Wallis test