

## SUPPLEMENTARY TABLE

### Supplementary Table

**Supplementary Table 1. Baseline features of laboratory biomarkers in older and younger patients.**

| Biomarkers                 | Group 1 (G1)   | Group 2 (G2)   | G1 vs G2 | Group 3 (G3)                                       | Group 4 (G4)                                      | G3 vs G4     | G1 vs G3         | G1 vs G4         | G2 vs G3         | G2 vs G4         |
|----------------------------|--|--|----------|--|---|--------------|------------------|------------------|------------------|------------------|
|                            | Younger patients<br>Hospital stay<br>< 21 d<br>(N=122) | Younger patients<br>Hospital stay<br>≥21 d<br>(N=59) | p-value  | Older patients<br>Hospital stay<br>< 21d<br>(N=35) | Older patients<br>Hospital stay<br>≥21d<br>(N=23) | p-value      | p-value          | p-value          | p-value          | p-value          |
| White blood cells          | 4.67(3.49-5.90)  | 4.53(3.41-5.61)                                      | 0.299    | 4.94(3.81-5.53)                                    | 4.10(3.12-5.03)                                   | 0.129        | 0.871            | 0.123            | 0.356            | 0.366            |
| Lymphocytes                | 1.35(0.93-1.79)  | 1.15(0.84-1.61)                                      | 0.094    | 1.05(0.86-1.21)                                    | 0.74(0.63-1.14)                                   | 0.133        | <b>0.002</b>     | <b>&lt;0.001</b> | <b>0.045</b>     | <b>0.003</b>     |
| Neutrophils                | 2.85(2.05-3.66)  | 2.90(2.05-3.50)                                      | 0.675    | 3.08(2.52-3.85)                                    | 2.74(2.00-3.26)                                   | 0.215        | 0.131            | 0.764            | 0.081            | 0.918            |
| Eosinophils                | 0.02(0.01-0.07)  | 0.01(0.00-0.04)                                      | 0.053    | 0.01(0.00-0.03)                                    | 0.01(0.00-0.03)                                   | 0.150        | 0.058            | 0.002            | 0.981            | 0.097            |
| Hemoglobin                 | 132(120-142)   | 134 (124-145)  | 0.291    | 120 (115 -132)                                     | 125 (118-143)                                     | 0.224        | 0.001            | 0.428            | <0.001           | 0.141            |
| Platelet                   | 176(144-227)   | 179 (152-234)  | 0.507    | 150 (134-213)                                      | 138(112-187)                                      | 0.192        | 0.172            | 0.011            | 0.075            | 0.006            |
| D-dimer                    | 0.21(0.12-0.52)  | 0.28(0.16-0.45)                                      | 0.393    | 0.38(0.18-0.85)                                    | 0.36(0.16-0.57)                                   | 0.338        | 0.009            | 0.257            | 0.053            | 0.535            |
| C-reactive protein         | 10.30(4.14-20.29)                                      | 13.05(3.29-25.14)                                    | 0.443    | 24.90(14.97-44.20)                                 | 43.30(20.23-62.12)                                | 0.141        | <b>0.001</b>     | <b>&lt;0.001</b> | <b>&lt;0.001</b> | <b>&lt;0.001</b> |
| Alanine aminotransferase   | 19.45(13.75-27.21)                                     | 19.91(15.12-28.31)                                   | 0.666    | 19.70(14.86-28.00)                                 | 16.29(13.76-20.82)                                | 0.117        | 0.669            | 0.148            | 0.941            | 0.093            |
| Aspartate aminotransferase | 23.23(18.87-30.13)                                     | 23.74(19.11-28.53)                                   | 0.712    | 27.50(22.87-34.71)                                 | 28.29(24.78-38.67)                                | 0.431        | <b>0.005</b>     | <b>0.005</b>     | <b>0.042</b>     | <b>0.022</b>     |
| Total bilirubin            | 10.92(8.05-15.32)                                      | 10.78(7.99-16.86)                                    | 0.605    | 10.72(8.89-17.37)                                  | 10.87(9.42-14.20)                                 | 0.691        | 0.483            | 0.963            | 0.639            | 0.84             |
| Albumin                    | 38.86(36.26-41.40)                                     | 39.41(36.17-42.17)                                   | 0.637    | 35.46(32.69-38.22)                                 | 36.0(31.22-38.3)                                  | 0.886        | <b>&lt;0.001</b> | <b>0.003</b>     | <b>&lt;0.001</b> | <b>0.003</b>     |
| Albumin/globulin           | 1.52(1.39-1.79)  | 1.55(1.39-1.74)                                      | 0.951    | 1.34(1.21-1.57)                                    | 1.30(1.24-1.41)                                   | 0.499        | <b>0.001</b>     | <b>&lt;0.001</b> | <b>0.002</b>     | <b>&lt;0.001</b> |
| Blood urea nitrogen        | 4.01(3.12-4.83)  | 4.29(3.20-5.05)                                      | 0.273    | 4.47(3.50-5.12)                                    | 5.23(4.14-7.07)                                   | <b>0.037</b> | 0.133            | <0.001           | 0.647            | 0.007            |
| Creatinine                 | 48.81(38.43-58.91)                                     | 53.13(41.93-64.33)                                   | 0.092    | 51.45(43.11-63.08)                                 | 57.0(44.04-66.07)                                 | 0.413        | 0.320            | 0.105            | 0.719            | 0.512            |
| Lactic acid                | 768.35(397-845)  | 742(387-789)   | 0.373    | 798(636-830)                                       | 769(742-841)                                      | 1.000        | 0.887            | 0.541            | 0.516            | 0.416            |