Table S1. Median (range) inflammatory markers and absolute lymphocyte count on hospital days 1 and 2 as well as maximum FiO2 during hospitalization by body mass index (BMI) group.

|                  | BMI < 25 | BMI 25-29.9 | BMI 30-34.9 | BMI 35-39.9 | BMI > 40 | p-value |
|------------------|----------|-------------|-------------|-------------|----------|---------|
|                  | N=186    | N=235       | N=182       | N=98        | N=80     |         |
| Day 1 CRP (mg/L) | 67.9 (0.4-447.7) | 94.6 (0.7-683.3) | 73.0 (0.3-429.5) | 73.5 (0.4-421.4) | 64.1 (3.7-381.5) | 0.060   |
| Day 2 CRP (mg/L) | 67.2 (0.6-460.0) | 98.7 (0.3-600.7) | 84.7 (0.2-378.7) | 74.8 (0.4-408.5) | 68.3 (3.5-475.5) | 0.056   |
| Day 1 LDH (U/L)  | 311 (100-2824) | 359 (154-967) | 361 (47-2897) | 387 (167-921) | 370 (153-1485) | 0.0027  |
| Day 2 LDH (U/L)  | 297 (141-2643) | 352 (145-1296) | 345.5 (149-2507) | 338 (175-879) | 347.5 (153-1059) | 0.0005  |
| Day 1 Ferritin (ng/mL) | 594 (26-33,511) | 645.5 (12-33,511) | 519 (12-33,511) | 311 (25-8135) | 421 (9-13263) | 0.0002  |
| Day 2 Ferritin (ng/mL) | 683 (29-33,511) | 671 (13-1465) | 519.5 (12-33,511) | 324.5 (12-6,174) | 413 (13-10,345) | <0.0001 |
| Day 1 D-dimer (μg/mL) | 382.5 (150-44,123) | 335 (150-16,704) | 300 (150-54,550) | 296 (150-48,048) | 263 (150-8,206) | 0.0249  |
| Day 2 D-dimer (μg/mL) | 403 (150-10,779) | 346 (150-14,027) | 331 (150-15,840) | 312 (150-15,840) | 245 (150-51,299) | 0.0047  |
| Day 1 ALC (1000/μL) | 1.1 (0.2-4.0) | 1.1 (0.3-5.1) | 1.1 (0.3-62.3) | 1.3 (0.3-5.2) | 1.2 (0.2-3) | 0.0013  |
| Day 2 ALC (1000/μL) | 1.2 (0.1-101.0) | 1.1 (0.3-9.2) | 1.2 (0.1-51.2) | 1.4 (0.5-4.3) | 1.3 (0.2-3.2) | 0.0285  |
| Max FiO2          | 27% (21-100) | 30% (21-100) | 30% (21-100) | 30% (21-100) | 35.3% (21-100) | 0.15    |

CRP = C reactive protein, LDH = lactate dehydrogenase ALC = absolute lymphocyte count