**Supplemental Materials**

E-Table 1: Association of CXR-SS with index lab values

|  |  |  |  |
| --- | --- | --- | --- |
| Labs | Coefficient | N | P-value |
| White blood cell count | 0.2933 | 133 | 0.039 |
| Hemoglobin | 0.0021 | 133 | 0.98 |
| Platelet | 8.0838 | 133 | 0.033 |
| Neutrophil | 0.3799 | 133 | 0.0041 |
| Lymphocyte | -0.0525 | 133 | 0.0097 |
| Monocyte | -0.0621 | 133 | 0.017 |
| Sodium | 0.1688 | 133 | 0.77 |
| Creatinine | -0.06 | 133 | 0.097 |
| Creatine phosphate kinase | 0.0572 | 117 | 0.24 |
| Lactate dehydrogenase | 0.0805 | 115 | 0.00043\* |
| C reactive protein | 0.2115 | 109 | 0.0000045\* |
| D-dimer | 0.0563 | 106 | 0.19 |
| Ferritin | 0.0434 | 99 | 0.42 |
| Procalcitonin | 0.2026 | 90 | 0.012 |
| Aspartate transaminase | 0.0169 | 124 | 0.59 |
| Alanine transaminase | 0.0115 | 126 | 0.73 |
| Fibrinogen | 36.17 | 88 | 0.00013\* |
| Neutrophil-Lymphocyte Ratio | 0.1192 | 133 | 0.0003\* |

Linear model demonstrating CXR-SS association with index lab values

Alpha is adjusted using Bonferroni correction 0.05/18= 0.00278

\*Significant P-value < 0.00278

E-Table 2. Association of index lab values with mortality

|  |  |  |  |
| --- | --- | --- | --- |
| Labs | Coefficient | N | P-value |
| White blood cell count | 0.01452 | 133 | 0.16966 |
| Hemoglobin | 0.02076 | 133 | 0.14388 |
| Platelet | -0.00043 | 133 | 0.27871 |
| Neutrophil | 0.02035 | 133 | 0.06941 |
| Lymphocyte | -0.07562 | 133 | 0.30515 |
| Monocyte | 0.03662 | 133 | 0.5271 |
| Sodium | -0.00579 | 133 | 0.02408 |
| Creatinine | -0.14076 | 133 | 0.00058\* |
| Creatine phosphate kinase | 0.02156 | 117 | 0.55209 |
| Lactate dehydrogenase | -0.01495 | 115 | 0.84245 |
| C reactive protein | 0.00044 | 109 | 0.99116 |
| D-dimer | 0.00261 | 106 | 0.95498 |
| Ferritin | -0.081 | 99 | 0.03942 |
| Procalcitonin | -0.00281 | 90 | 0.92354 |
| Aspartate transaminase | -0.04557 | 124 | 0.38312 |
| Alanine transaminase | -0.07378 | 126 | 0.12958 |
| Fibrinogen | -0.00028 | 88 | 0.25455 |
| Neutrophil-Lymphocyte Ratio | 0.0992 | 133 | 0.0259 |

Linear model demonstrating index lab values association with mortality

Alpha is adjusted using Bonferroni correction 0.05/18= 0.00278

\*Significant P-value < 0.00278