**Table S1.** The correlation of body composition parameters (BCPs) and severity of pneumonia (SoP).

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   | SoP | CACS | VAA | WC | PMA | PMD | T5MA | WPR |
| SoP | ***r***  | 1.000 | 0.257 | 0.377 | 0.452 | -0.047 | -0.188 | -0.082 | 0.44 |
| ***P*** |  | 0.001 | 0.001 | 0.001 | 0.475 | 0.004 | 0.208 | 0.001 |
| CACS | ***r***  | 0.257 | 1.000 | 0.267 | 0.264 | -0.213 | -0.188 | -0.295 | 0.397 |
| ***P*** | 0.001 |  | 0.001 | 0.001 | 0.001 | 0.004 | 0.001 | 0.001 |
| VAA | ***r***  | 0.377 | 0.267 | 1.000 | 0.747 | 0.238 | -0.179 | 0.029 | 0.352 |
| ***P*** | 0.001 | 0.001 |  | 0.001 | 0.001 | 0.006 | 0.660 | 0.001 |
| WC | ***r***  | 0.452 | 0.264 | 0.747 | 1.000 | 0.225 | -0.195 | 0.135 | 0.492 |
| ***P*** | 0.001 | 0.001 | 0.001 |  | 0.001 | 0.003 | 0.037 | 0.001 |
| PMA | ***r***  | -0.047 | -0.213 | 0.238 | 0.225 | 1.000 | 0.513 | 0.655 | -0.358 |
| ***P*** | 0.475 | 0.001 | 0.001 | 0.001 |  | 0.001 | 0.001 | 0.001 |
| PMD | ***r***  | -0.188 | -0.188 | -0.179 | -0.195 | 0.513 | 1.000 | 0.537 | -0.466 |
| ***P*** | 0.004 | 0.004 | 0.006 | 0.003 | 0.001 |  | 0.001 | 0.001 |
| T5MA | ***r***  | -0.082 | -0.295 | 0.029 | 0.135 | 0.655 | 0.537 | 1.000 | -0.397 |
| ***P*** | 0.208 | 0.001 | 0.660 | 0.037 | 0.001 | 0.001 |  | 0.001 |
| WPR | ***r***  | 0.44 | 0.397 | 0.352 | 0.492 | -0.358 | -0.466 | -0.397 | 1.000 |
| ***P*** | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |   |

PMA; pectoralis muscle area, CACS; coronary artery calcification severity**,** VAA; visceral adipose tissue area, WC; waist circumference, WPR; waist to paravertebral muscle circumference ratio, PMA; pectoralis muscle area, PMD; pectoralis muscle density, T5MA; paravertebral muscle area at the T5 vertebral level.