**Supplementary file 2. Association between density of CD8+ T cells and clinical characteristics**

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|  |  |  | **Density of CD8+ T cells** |
|  |  | **Spearman r** | **95% confidence interval** | **P value** |
| Age (yrs.) | -0,09 | [-0.43 to 0.28] | 0,63 |
| Body-mass index (kg/m2)Pack years (no.)**LFT** FEV1 (% pred.) FEV1/FVC ratio (%) FVC (% pred.) RV (% pred.) TLCO (% pred.)**Six-minute walk test distance (m)****Arterial blood gases**PaO2 (mm Hg)PaCO2 (mm Hg)**CT parameters**Bronchi:WA4%WT4 (mm)WA5%WT5 (mm)Emphysema:LAA (%)Air trapping:MLA E (HU)MLA I (HU)MLA I-E (HU)Pulmonary Vessels%CSA<5%CSA5-10CSN<5CSN5-10 | -0,07 0,33 -0,25-0,30-0,180,24-0,25 -0,06 0,02 0,400,35 0,310,320,310,39 -0,49-0,480,15-0,38-0,44-0,29-0,41 | [-0.42 to 0.30][-0.04 to 0.62][ -0.56 to 0.12][ -0.60 to 0.06][ -0.50 to 0.19][ -0.13 to 0.55][ -0.57 to 0.14][ -0.46 to 0.37][-0.35 to 0.39][ 0.04 to 0.67][ -0.05 to 0.66][ -0.09 to 0.63][ -0.09 to 0.64][ -0.10 to 0.63][ 0.02 to 0.66][ -0.75 to -0.09][ -0.73 to -0.13][ -0.28 to 0.53][ -0.66 to -0.01][ -0.70 to -0.08][ -0.59 to 0.09][ -0.68 to -0.05] | 0,710,07 0,160,090,330,190,190,79 0,91**0,03** 0,080,120,110,12**0,03** **0,02****0,008**0,48 **0,04****0,02**0,12**0,02** |
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