**Table S7a. Descriptive statistics for the densities of the histogram plots in Figure 7.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Parenchyma | | Soft tissue | |
|  | Mean | SD | Mean | SD |
| **Micro-CT** | -376.9 | 110.2 | -1.6 | 109.4 |
| **Human CT** | -883.8 | 79.0 | 57.9 | 82.3 |

**a** The densities of small regions within the lung parenchyma were sampled and used to compute the standard deviation (SD). SD is a measure of the noise in the scan, with higher values indicating more noise.