

Age-associated Differences in the Human Lung Extracellular Matrix

Authors and affiliations

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Supplementary file 4: Supplemental figures showing the scatter plots representing correlation between the primary data of the percentage area or mean intensity of COL1A1, COL6A1, COL6A2, COL14A1, FBLN2, LTBP4 and LUM in the whole tissue (figure 1), parenchyma (figure 2), airway wall (figure 3), blood vessel (figure 4), and bronchial epithelium (figure 5) (only for COL14A1, LTBP4 and LUM) with age. These plots represent the data from the combined groups including never, current, and ex-smokers control patients. N = number of tissues used in each graph.

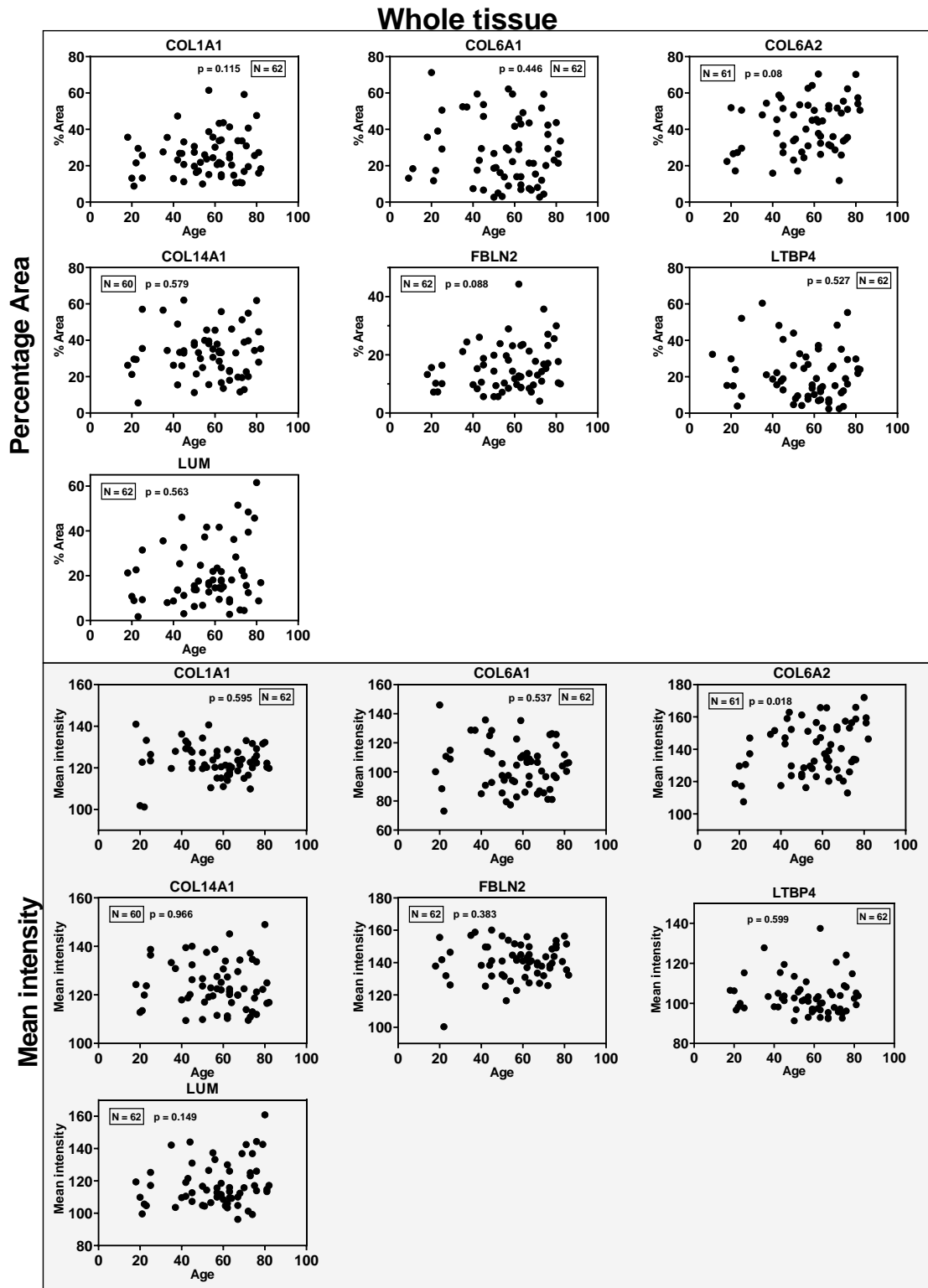


Figure 1: Scatter plots showing the correlation between the percentage area or mean intensity of COL1A1, COL6A1, COL6A2, COL14A1, FBLN2, LTBP4 and LUM in the whole tissue with age. N: number of tissues used in each graph.

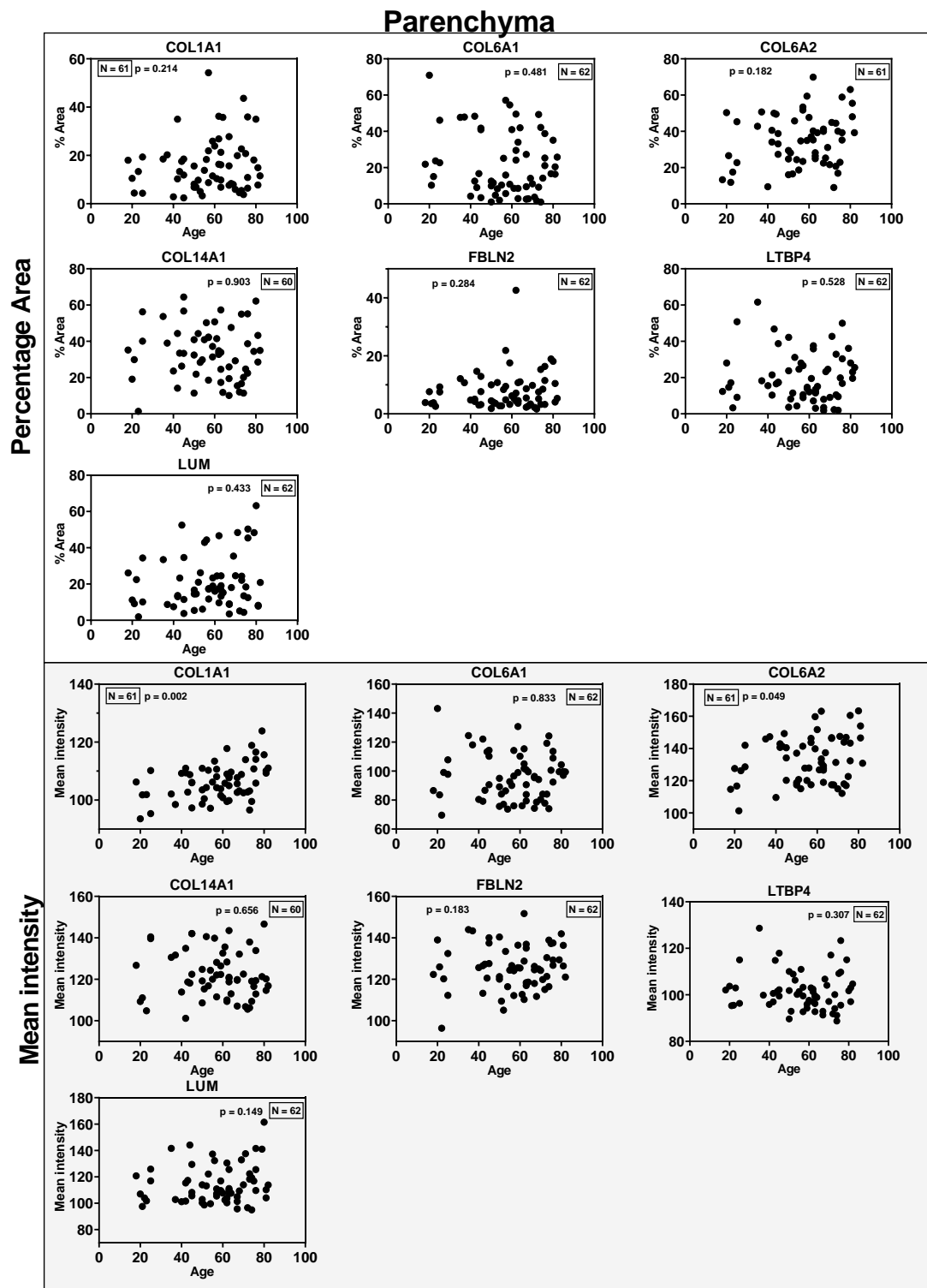


Figure 2: Scatter plots showing the correlation between the percentage area or mean intensity of COL1A1, COL6A1, COL6A2, COL14A1, FBLN2, LTBP4 and LUM in the parenchyma with age. N: number of tissues used in each graph.

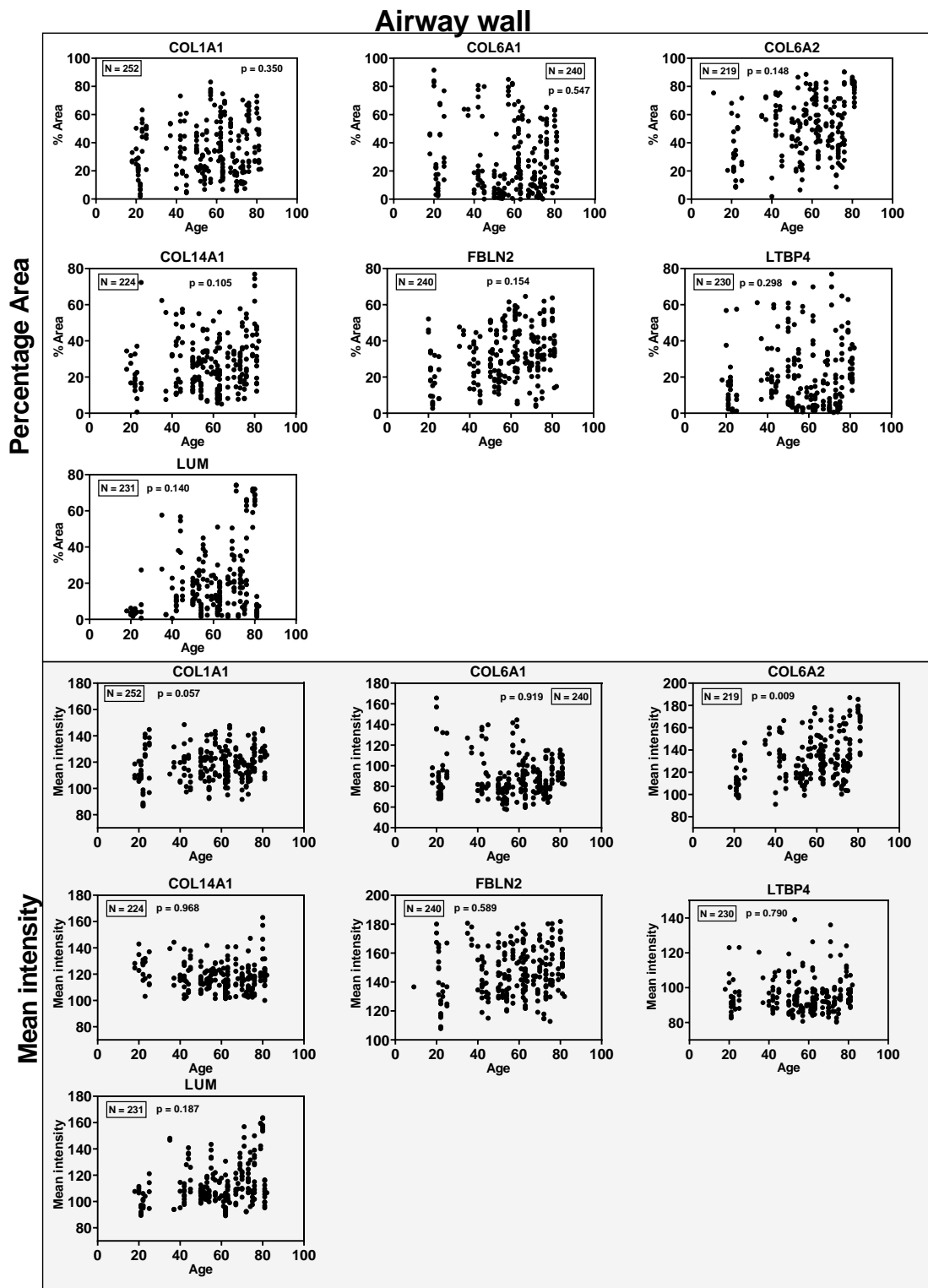


Figure 3: Scatter plots showing the correlation between the percentage area or mean intensity of COL1A1, COL6A1, COL6A2, COL14A1, FBLN2, LTBP4 and LUM in the airway wall with age. N: number of tissues used in each graph.

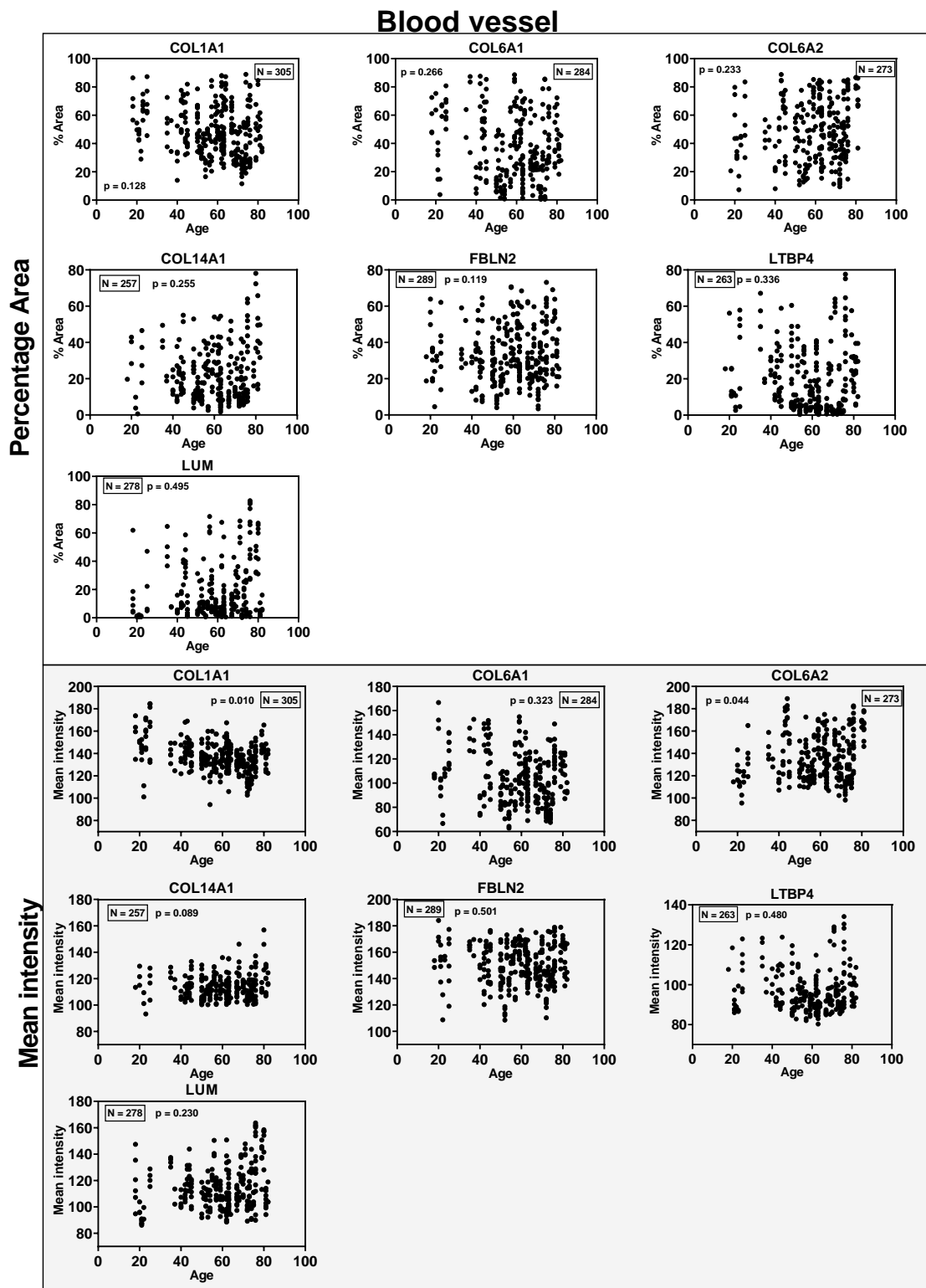


Figure 4: Scatter plots showing the correlation between the percentage area or mean intensity of COL1A1, COL6A1, COL6A2, COL14A1, FBLN2, LTBP4 and LUM in the blood vessel with age. N: number of tissues used in each graph.

Bronchial epithelium

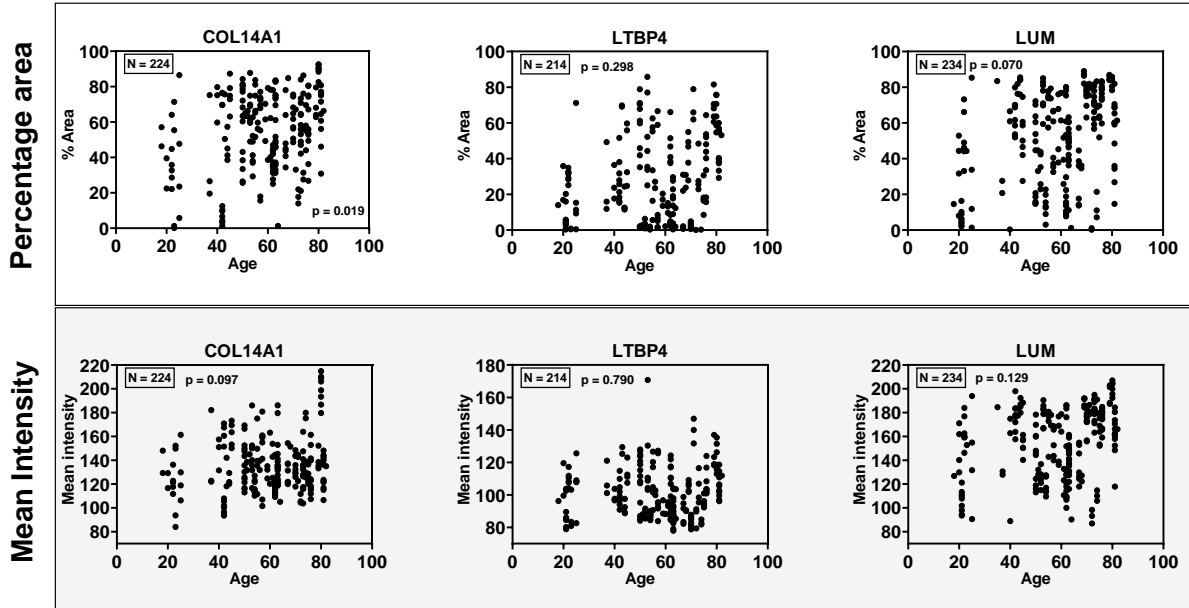


Figure 5: Scatter plots showing the correlation between the percentage area or mean intensity of COL14A1, LTBP4 and LUM in the bronchial epithelium with age. N: number of tissues used in each graph.