

**Supplementary Table 6. Comparison of FVC and DL<sub>CO</sub> decline rate according to baseline GAP stage**

| Parameter  | Time           | Baseline GAP I (n = 95 <sup>a</sup> or 90 <sup>b</sup> ) |                |         | Baseline GAP II–III (n = 76 <sup>a</sup> or 72 <sup>b</sup> ) |                 |         |
|--|----------------|--|----------------|---------|---|-----------------|---------|
|  |                | Mean   | 95% CI         | p value | Mean  | 95% CI          | p value |
| Δ FVC/year <sup>c</sup> (n = 171)  | Pre-treatment  | -4.56  | -6.10 to -3.02 |         | -6.40   | -8.38 to -4.42  |         |
|  | Post-treatment | -2.28  | -3.21 to -1.35 |         | -3.72   | -4.97 to -2.48  |         |
|  | Difference     | 2.28   |                | < 0.001 | 2.68  |                 | < 0.001 |
| p value for homogeneity of difference in parameter between two groups: 0.626   |                |  |                |         |   |                 |         |
| Δ DL <sub>CO</sub> /year <sup>c</sup> (n = 162)                                | Pre-treatment  | -4.84  | -7.34 to -2.34 |         | -11.09  | -13.84 to -8.34 |         |
|  | Post-treatment | -3.80  | -5.03 to -2.57 |         | -3.46   | -4.89 to -2.02  |         |
|  | Difference     | 1.04   |                | 0.153   | 7.63  |                 | < 0.001 |
| p value for homogeneity of difference in parameter between two groups: < 0.001 |                |  |                |         |   |                 |         |

FVC, forced vital capacity; DL<sub>CO</sub>, diffusing capacity of the lungs for carbon monoxide; GAP, Gender-Age-Physiology; CI, confidence interval.

<sup>a</sup>Δ FVC/year.

<sup>b</sup>Δ DL<sub>CO</sub>/year.

<sup>c</sup>Change in % predicted per year.