**Supplemental Table 6**. Associations of the *APOE* ε2 and ε4 alleles with FEV1/FVC in individuals with and without cardiovascular disease (CVD).

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Trait | Effect  allele | Men & Women | | | Men | | | Women | | |
| Beta | SE | P-value | Beta | SE | P-value | Beta | SE | P-value |
| FEV1/FVC  no CVD | ε2 | 0.01 | 0.33 | .976 | 0.23 | 0.54 | .668 | -0.15 | 0.41 | .721 |
| ε4 | -0.73 | 0.31 | .021\* | -0.54 | 0.51 | .293 | -0.90 | 0.39 | .022\* |
| FEV1/FVC  CVD cases | ε2 | 0.70 | 0.77 | .368 | 1.13 | 1.06 | .294 | -0.24 | 1.09 | .825 |
| ε4 | -0.76 | 0.77 | .326 | 0.79 | 1.04 | .452 | -2.91 | 1.14 | .016\* |

CVD denotes prevalence of cardiovascular diseases, which included coronary heart disease, heart failure, and stroke.

\* denotes significant result (*p-value* < 0.05).