

Supplementary Table S1. The predicted errors for the validation set.

Item	Estimated model	Difference
PSD (cm)	PSD_estd	-0.7 ± 9.7
	PSD_H100	2.7 ± 11.6
FEV ₁ pre (L)	FEV ₁ pre_estd	0.1 ± 0.6
FEV ₁ post (L)	FEV ₁ post_estd	0.1 ± 0.6
FVCpre (L)	FVCpre_estd	0.2 ± 0.6
	FVCpre_estd with PSD_estd	0.2 ± 0.7
FVCpost (L)	FVCpost_estd	0.2 ± 0.7
	FVCpost_estd with PSD_estd	0.2 ± 0.7
FEV ₁ pre/FVCpre (%)	FEV ₁ pre_estd/ FVCpre_estd	-1.0 ± 17.4
FEV ₁ post/FVCpost (%)	FEV ₁ post_estd/ FVC post_estd	-1.0 ± 17.9
FEV ₁ pre/ FEV ₁ pred (%)	FEV ₁ pre_estd /FEV ₁ pred	5.4 ± 24.4
FEV ₁ post/ FEV ₁ pred (%)	FEV ₁ post_estd / FEV ₁ pred	5.7 ± 24.3