Table 3: Ranking of DLCO predictors

Variables	XGBoost model		Adjusted Linear Mixed Effect Regression Analysis				
	Rank	Gain	Rank	Regression Coefficient	Standard Error	t-value	p-value
FVC % pred	1	0.213	1	0.278	0.102	2.724	0.008
Neutrophil %	2	0.181	2	-0.274	0.116	-2.363	0.020
FEF 25-75 % pred	3	0.178	3	0.182	0.087	2.090	0.039
FEV1/FVC	4	0.159	4	0.212	0.316	0.671	0.503
R5Hz % pred	5	0.158	5	-0.037	0.060	-0.621	0.536
TLC % pred	6	0.110	6	0.017	0.108	0.155	0.877

The ranking of the predictors of hemoglobin-adjusted DLCO was based on the 'Gain' measure in XGBoost and on p-values (significant at <0.05) in the adjusted regression analysis.