

Additional file 5: Known groups validity

Clinical variable	<i>n</i>	Mean K-BILD total score (SD)	Mean difference (95% CI)	p-value	ES
FVC					
Lowest quartile	37	52.4 (11.1)	8.6 (3.5 to 13.8)	0.001	0.13
Highest quartile	40	61.0 (11.3)			
DLCO					
Lowest quartile	36	52.1 (9.3)	13.7*	<0.0001	0.25
Highest quartile	37	65.8 (2.3)			
6MWD					
Lowest quartile	35	51.7 (12.2)	11.3 (5.8 to 16.7)	0.0001	0.20
Highest quartile	36	62.9 (10.9)			
LTOT					
No LTOT	130	59.3 (12.7)	7.5*	0.002	0.04
Receiving LTOT	19	51.7 (7.7)			
GAP index					
1	56	62.8 (14.5)		0.0001	0.13
2	76	57.2 (8.9)			
3	17	48.4 (12.3)			

*: No 95% CI due to the use of a non-parametric test. *K-BILD*: King's Brief Interstitial Lung Disease questionnaire; *95% CI*: 95% confidence intervals; *ES*: Effect size (partial η^2); *FVC*: Forced vital capacity; *DLCO*: diffusion capacity of the lung for carbon monoxide; *6MWD*: Distance walked during the 6-minute walk test; *LTOT*: Long-term oxygen therapy; *GAP*: Gender, age, physiology