

#### Additional file 4: Missing data analyses

At baseline

	Responders ( <i>n</i> = 145)	Non-responders ( <i>n</i> = 5)	Difference (95% CI)	p-value
<b>Gender</b>				
Male, <i>n</i>	118	4		1.00
Female, <i>n</i>	27	1		
<b>Age, years, mean ± SD</b>	72.9 ± 6.3	73.4 ± 3.4	-0.5 (-6.1 to 5.1)	0.86
<b>Time since diagnosis, years, median (range)</b>	0.5 (0.0 to 9.3)	0.0 (0.0 to 3.3)		0.26
<b>Smoking status</b>				
Current, <i>n</i>	8	2		0.12
Former, <i>n</i>	99	1		
Never, <i>n</i>	38	2		
<b>Long-term oxygen therapy</b>				
No, <i>n</i>	126	5		1.00
Yes, <i>n</i>	19	0		
<b>Medical treatment for IPF</b>				
No, <i>n</i>	62	3		0.65
Yes, <i>n</i>	83	2		
<b>FVC, % predicted, mean ± SD</b>	87.2 ± 23.1	88.1 ± 23.2	-1.0 (-21.8 to 19.8)	0.93
<b>DLCO, % predicted, mean ± SD</b>	48.5 ± 14.2	47.5 ± 10.7	1.0 (-11.7 to 13.7)	0.88
<b>6MWT distance, m, mean ± SD</b>	450.2 ± 113.5	455.3 ± 85.6	-5.0 (118.3 to 108.2)	0.93

Values are presented as *n*, mean ± standard deviation (SD) or median with range(16). 95% CI: 95% confidence intervals; IPF: Idiopathic pulmonary fibrosis; FVC: Forced vital capacity; DLCO: diffusion capacity of the lung for carbon monoxide; 6MWT: 6-minute walk test

After 14 days

	<b>Responders (n = 139)</b>	<b>Non-responders (n = 11)</b>	<b>Difference (95% CI)</b>	<b>p-value</b>
<b>Gender</b>				
Male, <i>n</i>	113	9		1.00
Female, <i>n</i>	26	2		
<b>Age, years, mean ± SD</b>	72.7 ± 6.2	74.9 ± 7.0	-2.2 (-6.0 to 1.7)	0.27
<b>Time since diagnosis, years, median (range)</b>	0.5 (0.0 to 9.3)	0.1 (0.0 to 3.3)		0.38
<b>Smoking status</b>				
Current, <i>n</i>	7	4		0.09
Former, <i>n</i>	96	2		
Never, <i>n</i>	36	5		
<b>Long-term oxygen therapy</b>				
No, <i>n</i>	121	10		1.00
Yes, <i>n</i>	18	1		
<b>Medical treatment for IPF</b>				
No, <i>n</i>	60	5		1.00
Yes, <i>n</i>	79	6		
<b>FVC, % predicted, mean ± SD</b>	87.2 ± 23.0	87.4 ± 24.5	-0.2 (-14.6 to 14.1)	0.97
<b>DLCO, % predicted, mean ± SD</b>	48.6 ± 14.2	46.7 ± 12.7	1.8 (-6.9 to 10.6)	0.68
<b>6MWT distance, m, mean ± SD</b>	458.4 ± 107.9	355.5 ± 128.0	102.9 (35.0 to 170.9)	0.003*

Values are presented as *n*, mean ± standard deviation (SD) or median with range. \*  $p < 0.05$ . 95% CI: 95% confidence intervals; IPF: Idiopathic pulmonary fibrosis; FVC: Forced vital capacity; DLCO: diffusion capacity of the lung for carbon monoxide; 6MWT: 6-minute walk test