

Frequencies of the patterns of missing data overall – most common pattern highlighted.

PATTERN	6MWD	SGRQ-I	SNIP	QUADS_DOM
+++	26	33	27	32
++.	6	2	3	2
+.+	1	1	1	2
.++	4	0	3	0
+..	19	21	18	20
..+	0	0	1	0
.+.	0	1	1	1
...	2	0	4	1
TOTAL MISSING	32	25	31	26

Frequencies of the patterns of missing data stratified by intervention group – most common pattern highlighted.

PATTERN	CONTROL (MICT)				INTERVENTION (HIIT)			
	6MWD	SGRQ-I	SNIP	Q_DOM	6MWD	SGRQ-I	SNIP	Q_DOM
+++	15	16	14	15	11	17	13	17
++.	1	1	1	1	5	1	2	1
+.+	1	1	1	2	0	0	0	0
.++	1	0	1	0	3	0	2	0
+..	6	7	6	7	13	14	12	13
..+	0	0	1	0	0	0	0	0
.+.	0	0	0	0	0	1	1	1
...	1	0	1	0	1	0	3	1
TOT MISS	10	9	11	10	22	16	20	16

Frequencies of the patterns of missing data stratified by intervention group and clinical group – most common pattern highlighted.

PATTERN	CONTROL (MICT)								INTERVENTION (HIIT)							
	FIBROSIS				AUTOIMMUNE				FIBROSIS				AUTOIMMUNE			
	6MWD	SGRQ-I	SNIP	Q_DOM	6MWD	SGRQ-I	SNIP	Q_DOM	6MWD	SGRQ-I	SNIP	Q_DOM	6MWD	SGRQ-I	SNIP	Q_DOM
+++	3	4	3	4	12	12	11	11	8	11	8	11	3	6	5	6
++.	1	1	1	1	0	0	0	0	1	0	1	0	4	1	1	1
+.+	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0
.++	1	0	1	0	0	0	0	0	2	0	1	0	1	0	1	0
+..	5	5	5	5	1	2	1	2	9	9	8	8	4	5	4	5
..+	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
.+.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
...	0	0	0	0	1	0	1	0	0	0	1	1	1	0	1	0
TOTAL MIS	8	7	8	7	2	2	3	3	12	9	11	9	10	7	8	7

Analysis of the missing data for each outcome.

	6MWD				SGRQ-I				SNIP				QUADS DOM			
	OR	p-value	95%CI		OR	p-value	95%CI		OR	p-value	95%CI		OR	p-value	95%CI	
MODELS ON TIME ONLY																
Time	4.575	<.001	1.948	10.742	137.057	<.001	11.737	1600.393	4.132	0.001	1.814	9.412	76.820	<.001	8.511	693.382
Time²	0.867	0.002	0.791	0.950	0.617	<.001	0.481	0.791	0.872	0.003	0.796	0.954	0.650	<.001	0.519	0.814
MODELS ON INTERVENTION GROUP ADJUSTED FOR TIME AND TIME²																
Intervention	3.147	0.108	0.776	12.759	6.168	0.212	0.353	107.623	3.012	0.172	0.620	14.634	5.016	0.259	0.305	82.425
MODELS ON INTERVENTION GROUP ADJUSTED FOR TIME AND TIME²																
Intervention	2.896	0.135	0.719	11.659	4.942	0.276	0.279	87.421	2.622	0.224	0.554	12.420	4.069	0.324	0.251	66.002
Clinical	0.459	0.258	0.119	1.769	0.140	0.182	0.008	2.506	0.304	0.133	0.064	1.439	0.167	0.210	0.010	2.745

OR= odds ratios

Missing observations were denoted by 1 if missing and 0 otherwise, which generated a longitudinal binary outcome which has been analysed using binary mixed models, i. e. accounting for the longitudinal aspect of the data.

The results are consistent with no pattern in the missing data across intervention and/or clinical groups and missingness is most likely attributable to the follow-up time.