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Table SI. Significance testing of pairwise correlations of baseline SF-36 Physical functioning to baseline 6MWD

Baseline	p values of the test between two correlations						
	n	Pearson correlation (see Table III)	Low back pain	Fibromyalgia	Lower limb lipedema	Lower limb lymphedema	Post-acute coronary syndrome
Whiplash associated disorder	71	0.686	0.137	0.946	0.324	0.412	0.270
Low back pain	121	0.550		0.136	0.037	0.558	0.849
Fibromyalgia	84	0.680			0.291	0.431	0.411
Lower limb lipedema	27	0.791				0.269	0.279
Lower limb lymphedema	78	0.607					0.743
Post-acute coronary syndrome	64	0.570					

Legend: n: number of cases; Pearson correlation: Pearson correlation of SF-36 Physical functioning baseline score to 6MWD baseline score;
6MWD: 6-minute walking distance test. Test: t-test after z-transformation according to R.A. Fischer (35)

Table SII. Significance testing of pairwise correlations of change SF-36 Physical functioning to change 6MWD

Change	p values of the test between two correlations						
	n	Pearson correlation (see Table III)	Low back pain	Fibromyalgia	Lower limb lipedema	Lower limb lymphedema	Post-acute coronary syndrome
Whiplash associated disorder	71	0.284	0.562	0.389	0.733	0.328	0.685
Low back pain	121	0.363		0.713	0.449	0.083	0.308
Fibromyalgia	84	0.408			0.336	0.052	0.205
Lower limb lipedema	27	0.208				0.727	0.969
Lower limb lymphedema	78	0.129					0.597
Post-acute coronary syndrome	64	0.217					

Legend: n: number of cases; Pearson correlation: Pearson correlation of SF-36 Physical functioning score change to 6MWD score change;
6MWD: 6-minute walking distance test. Test: t-test after z-transformation according to R.A. Fischer (35)

Table SIII. Significance testing of pairwise ratios of baseline SF-36 Physical functioning to baseline 6MWD

Baseline	p values of the t-test between two correlations						
	n	m (sd) (see Table III)	Low back pain	Fibromyalgia	Lower limb lipedema	Lower limb lymphedema	Post-acute coronary syndrome
Whiplash associated disorder	71	1.205 (0.325)	0.335	0.316	0.227	<0.001	<0.001
Low back pain	121	1.289 (0.695)		0.081	0.987	<0.001	0.054
Fibromyalgia	84	1.143 (0.430)			0.111	<0.001	<0.001
Lower limb lipedema	27	1.287 (0.361)				<0.001	0.119
Lower limb lymphedema	78	1.590 (0.422)					0.224
Post-acute coronary syndrome	64	1.484 (0.624)					

Legend: n: number of cases; m: arithmetic mean of the ratio SF-36 Physical functioning score/(6MWD/10) at baseline; sd: standard deviation of the ratio SF-36 Physical functioning score /((6MWD/10) at baseline; 6MWD: 6-minute walking distance test

Table SIV. Significance testing of pairwise ratios of change SF-36 Physical functioning to change 6MWD

Change	p values of the t-test between two correlations						
	n	m (sd) (see Table III)	Low back pain	Fibromyalgia	Lower limb lipedema	Lower limb lymphedema	Post-acute coronary syndrome
Whiplash associated disorder	71	1.314 (4.589)	0.704	0.377	0.095	0.351	0.023
Low back pain	121	0.930 (7.779)		0.248	0.161	0.245	0.027
Fibromyalgia	84	2.099 (6.242)			0.447	0.993	0.227
Lower limb lipedema	27	3.121 (5.592)				0.422	0.887
Lower limb lymphedema	78	2.107 (5.718)					0.214
Post-acute coronary syndrome	64	3.310 (5.907)					

Legend: n: number of cases, m: arithmetic mean of the ratio SF-36 Physical functioning score/(6MWD/10) at follow-up; sd: standard deviation of the ratio SF-36 Physical functioning score /(6MWD/10) at follow-up; 6MWD: 6-minute walking distance test