

Table S1. Correlation table between pre-6 week changes in process variables (TSK, PCS, PPCS and CERQ) and pre-post changes in main variables.

	FIQR	VAS-P	VAS-F	HADS-A	HADS-D	SF-36	SS	PANAS +	PANAS -	RSES
TSK	0.51 **	0.46 **	0.43 **	0.39 **	-0.41 **	-0.42 **	0.12	-0.21 *	0.05	0.07
PCS	0.42 **	0.36 **	0.32 **	0.32 **	0.35 **	-0.41 **	0.18	-0.09	0.16	0.13
PPCS	-0.46 **	-0.36 **	-0.14	-0.51 **	-0.49 **	0.43 **	-0.10	0.14	-0.22 *	-0.15
CERQ Acceptance	-0.15	-0.12	0.06	-0.29 *	-0.21 *	0.20 *	0.01	0.08	0.02	-0.01
CERQ Refocusing	0.34 **	-0.20 *	-0.02	-0.35 **	-0.37 **	0.33 **	-0.18	0.08	-0.08	-0.00
CERQ Planning	-0.25 *	-0.16	-0.19	-0.19	-0.24 *	0.18	0.08	0.06	-0.01	-0.04
CERQ Positive reappraisal	-0.36 **	-0.29 *	-0.28 *	-0.38 **	-0.37 **	0.37 **	-0.08	-0.30 *	0.07	-0.23 *
CERQ Catastrophizing	0.17	0.06	0.03	0.15	0.09	-0.26 *	0.07	0.15	0.26 *	-0.01

TSK, Tampa scale for kinesiophobia; PCS, pain catastrophizing scale; PPCS, personal perceived competence scale; CERQ, cognitive emotion regulation questionnaire; FIQR, fibromyalgia impact questionnaire; VAS-P, visual analog scale for pain; VAS-F, visual analog scale for fatigue; HADS, hospital anxiety and depression scale—depression; SF36, short form survey (physical functioning subscale); PANAS +, positive affect and negative affect schedule—positive affect; PANAS -, positive affect and negative affect schedule—negative affect; RSES, Rosenberg self-esteem scale. Note: only process variables which experienced a significant pretreatment to six weeks change were included. Process measures finally included in mediational models can be identified from the gray background. * Means $p < 0.05$; ** means $p \leq 0.001$.