Supplemental material

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Supplementary Table 3. Variables with highest factor loadings identified by Varimax factor analysis and subsequent decision regarding variable inclusion

	Variable	Highest loading	Reasons for decision deviating from statistical output
Factor1	Pain Catastrophizing Scale (PCS)	x	
Factor2	RAID: Pain item	x	
Factor3	Healthcare Assessment Questionnaire – Disability Index (HAQ-DI)		score instead of single item
Factor4			HAQ single item not chosen due to Factor3
Factor5	Patient Health Questionnaire-9 Score (PHQ-9)	x	
Factor6	painDETECT Score (PD-Q)		score instead of single item
Factor7	PHQ: Difficulty falling asleep or staying asleep through the night, or increased sleep [Not at all/On individual days/On more than half of the days/Almost every day]	x	
Factor8	Tender joint count	x	
Factor9	Current disease activity		assessment of VAS in cm is much more complex
Factor10			painDETECT single item not chosen due to Factor6
Factor11	painDETECT: pain duration [persistent pain with slight fluctuations/persistent pain with pain attacks/pain attacks without pain between them/pain attacks with pain between them]	x	unchanged because PD-Q Score does not load on this factor
Factor12	DMARDs categories [no DMARDs/csDMARD/bDMARD/tsDMARD]	x	
Factor13	Adjunctive pharmacological medication [yes/no]	x	
Factor14	RBS: Tension pain	x	
Factor15	Seropositivity [yes/no/unknown]	x	