

Supplementary Table S1. Model fit indices as 1-factor model for Non-somatic domain of PHQ-9.

PHQ-9	χ^2	<i>df</i>	χ^2/df	CFI	RMSEA	AIC	TLI	SRMR
Non-somatic (excluding item 9 [suicidalitly])	50.483	5	10.16	0.929	0.155	3950.293	0.857	0.048

Note. PHQ-9, Patient health questionnaire 9; CFI, Comparative fit index; RMSEA, Root mean squared error of approximation; AIC, Akaike information Criteria; TLI, Tucker-Lewis index; SRMR, standardized Root Mean Square Residual.

Criteria for fit indices: CFI > 0.95 for excellent fit; RMSEA < 0.06 for good fit; TLI > 0.95 for excellent; fit; SRMR < 0.08 for good fit

Supplementary Table S2. Residual correlations and monotonicity.

PHQ-9		Residual correlations					scalability
Non somatic subscale		1:	2:	6:	7:	8:	
1:	Loss of interest	—					0.584
2:	Depressed mood	.043	—				0.563
6:	Self-esteem	— .065	— .034	—			0.561
7:	Poor concentration	.031	— .083	— .028	—		0.541
8:	Psychomotor	— .052	— .056	— .069	.088	—	0.399

Note. PHQ-9, Patient health questionnaire 9; Scalabilities, Mokken scalability coefficients Hi