

Supplement:**Supplement 1****Models evaluated for PHQ-9 and EPDS and corresponding fit indices using confirmatory factor analysis**

Model reference	Factor structure evaluated	χ^2	df	<i>p</i> -value	SRMR	RMSEA (90% CI)	CFI
PHQ-9							
Huang [63]	F1: 1, 2, 3, 4, 5, 6, 7, 8, 9	379	27	<0.0001	0.055	0.093 (0.085, 0.101)	0.897
Krause [40]	F1: 3, 4, 5; F2: 1, 2, 6, 7, 8, 9	356	26	<0.0001	0.053	0.092 (0.083, 0.100)	0.903
Krause [40]	F1: 3, 4, 5, 8; F2: 1, 2, 6, 7, 9	330	26	<0.0001	0.051	0.088 (0.080, 0.096)	0.911
EFA	F1: 1, 2, 3, 4, 5, 8; F2: 6, 7, 9	286	26	<0.0001	0.047	0.081 (0.073, 0.090)	0.924
EFA	F1: 1, 3, 4, 5, 8; F2: 2, 6, 7, 9	212	26	<0.0001	0.040	0.069 (0.060, 0.078)	0.946
EPDS							
Berle [64]	F1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	402	35	<0.0001	0.050	0.083 (0.076, 0.091)	0.906
Tuohy [48]	F1: 1, 2; F2: 3, 4, 5; F3: 7, 8, 9, 10	167	25	<0.0001	0.065	0.061 (0.053, 0.070)	0.960
Tuohy [48]	F1: 1, 2; F2: 3, 4, 5; F3: 6, 7, 8, 9, 10	146	32	<0.0001	0.031	0.049 (0.041, 0.057)	0.971
King [42]	F1: 1, 2; F2: 3, 4, 5, 6; F3: 7, 8, 9, 10	89	32	<0.0001	0.023	0.034 (0.026, 0.043)	0.985
EFA	F1: 1, 2; F2: 3, 4, 5, 6, 7, 8, 9, 10	193	34	<0.0001	0.034	0.056 (0.048, 0.063)	0.959

Supplement 2
PHQ-9 vs. EPDS scores by category ^a

EPDS Score	PHQ-9 Score				Total
	0-9; “No Depression”	10-14; “Moderate Depression”	15-19; “Moderately Severe Depression”	20-27; “Severe Depression”	
0-9; “Normal”	883 (58.2)	80 (5.3)	89 (5.9)	19 (1.3)	1071 (70.6)
10, 11; “Slightly increased risk”	151 (10.0)	27 (1.8)	45 (3.0)	35 (2.3)	258 (17.0)
12-15; “Increased risk”	51 (3.4)	16 (1.1)	28 (1.9)	32 (2.1)	127 (8.4)
≥16; “Marked risk”	8 (0.5)	6 (0.4)	12 (0.8)	35 (2.3)	61 (4.0)
Total	1093 (72.1)	129 (8.5)	174 (11.5)	121 (8.0)	1517(100.0)

^a All values provided as n (%).

Supplement 3

Agreement (Cohen’s kappa) between PHQ-9 and EPDS at different cutoff scores in identifying possible depression

	PHQ-9 (≥7)	PHQ-9 (≥8)	PHQ-9 (≥9)	PHQ-9 (≥10)	PHQ-9 (≥11)	PHQ-9 (≥12)	PHQ-9 (≥13)	PHQ-9 (≥14)	PHQ-9 (≥15)	PHQ-9 (≥16)	PHQ-9 (≥17)	PHQ-9 (≥18)	PHQ-9 (≥19)
EPDS (≥7)	0.336	0.333	0.324	0.286	0.270	0.244	0.234	0.208	0.198	0.188	0.164	0.137	0.113
EPDS (≥8)	0.332	0.334	0.330	0.310	0.301	0.276	0.268	0.247	0.231	0.217	0.192	0.168	0.139
EPDS (≥9)	0.325	0.332	0.328	0.324	0.323	0.306	0.300	0.279	0.264	0.250	0.229	0.202	0.167
EPDS (≥10)	0.334	0.345	0.352	0.359	0.362	0.346	0.342	0.323	0.302	0.295	0.277	0.242	0.199
EPDS (≥11)	0.309	0.318	0.337	0.351	0.356	0.346	0.348	0.343	0.316	0.310	0.291	0.257	0.214
EPDS (≥12)	0.293	0.300	0.326	0.353	0.364	0.364	0.369	0.369	0.344	0.345	0.325	0.299	0.259
EPDS (≥13)	0.248	0.249	0.275	0.303	0.311	0.317	0.328	0.340	0.338	0.342	0.327	0.301	0.265
EPDS (≥14)	0.222	0.228	0.256	0.304	0.314	0.325	0.346	0.360	0.360	0.362	0.371	0.352	0.317
EPDS (≥15)	0.192	0.207	0.230	0.276	0.293	0.311	0.332	0.353	0.361	0.368	0.381	0.374	0.349
EPDS (≥16)	0.161	0.189	0.225	0.268	0.289	0.312	0.347	0.367	0.373	0.393	0.407	0.398	0.378
EPDS (≥17)	0.129	0.163	0.196	0.237	0.266	0.282	0.334	0.377	0.382	0.403	0.425	0.425	0.415
EPDS (≥18)	0.099	0.124	0.155	0.193	0.214	0.246	0.293	0.336	0.331	0.365	0.392	0.406	0.432
EPDS (≥19)	0.077	0.099	0.124	0.156	0.176	0.211	0.257	0.301	0.313	0.346	0.392	0.432	0.462