Table 2. Formulas to calculate T-scores and indicators of correspondence from cross-validation

Scale	Formula y = …	RMSE	R^2	MAE
BSI-GSI	$31.1+(138.641x+22.4779x^2)/(1+4.089x-0.3392x^2)$	1.456	0.988	1.116
BSI-DEP	$41.6+(47.593x+0.7650x^2)/(1+1.444x-0.1909x^2)$	1.627	0.986	1.304
BSI-ANX	$43.4+(50.294x-1.9425x^2)/(1+1.564x-0.2368x^2)$	2.658	0.950	2.189
BSI-SOM	$42.9+(56.622x+9.3246x^2)/(1+2.233x-0.1947x^2)$	1.725	0.978	1.396
4DSQ-DIST	$38.0+(6.460x-0.0284x^2)/(1+0.258x-0.0050x^2)$	1.087	0.988	0.788
4DSQ-DEP	$46.8+(27.876x-0.8495x^2)/(1+1.411x-0.0766x^2)$	1.497	0.961	0.854
4DSQ-ANX	$45.6+(15.735x+0.0349x^2)/(1+0.718x-0.0155x^2)$	1.875	0.946	1.222
4DSQ-SOM	$37.4+(5.746x+0.0336x^2)/(1+0.203x-0.0031x^2)$	1.208	0.984	0.845
OQ-TOT	$20.9+(1.157x+0.0017x^2)/(1+0.018x-0.0001x^2)$	2.434	0.963	1.895
OQ-SD	$25.8+(1.487x-0.0051x^2)/(1+0.014x-0.0001x^2)$	2.287	0.970	1.796
OQ-IR	$33.5+2.46x-0.0447x^2+0.00058x^3$	3.370	0.914	2.649
OQ-SR	$32.1+2.39x-0.0121x^2$	3.879	0.896	3.016
OQ-ASD	$68.2+1.094*(x-27.0)+\sinh((x-27.0)/8.533)$	2.350	0.965	1.840

Note: BSI-GSI=Global Severity Index; BSI-DEP=Depression; BSI-ANX=Anxiety; BSI-SOM=Somatic complaints; 4DSQ-DIST=Distress, 4DSQ-DEP=Depression; 4DSQ-ANX=Anxiety; 4DSQ-SOM=Somatization; OQ-TOT=Total score; OQ-SD=Symptomatic Distress; OQ-IR=Interpersonal Relationships; OQ-SR=Social Role; OQ-ASD=Anxiety and Social Distress; y = calculated T score; x = raw scale score; RMSE = Root Mean Squared Error; R^2 = coefficient of determination; MAE = Mean Absolute Error