

Note: This is Online Appendix 1 of Kufe, C.N., Bernstein, C., & Wilson, K. (2024). Reliability, validity and dimensionality of the 12-Item General Health Questionnaire among South African healthcare workers. *African Journal of Psychological Assessment*, 6(0), a144. <https://doi.org/10.4102/ajopa.v6i0.144>

Supplementary Files 2: Structural Equation Modelling

SEM 1: Equation-level goodness of fit standardised

Dependent variable	fitted	Variance predicted	R-squared
1. Been able to concentrate on what you are doing?	0.779	0.205	0.263
2. Lost much sleep over worry?	1.050	0.319	0.304
3. Felt that you are playing a useful part in things?	0.872	0.144	0.165
4. Felt capable of making decisions about things?	0.892	0.193	0.217
5. Felt constantly under strain?	1.137	0.468	0.411
6. Felt that you could not overcome your difficulties?	1.053	0.470	0.447
7. Been able to enjoy your normal day-to-day activities?	1.045	0.353	0.338
8. Been feeling unhappy and depressed?	1.262	0.587	0.465
9. Been able to face up to your problems?	0.786	0.216	0.275
10. Been losing confidence in yourself?	1.165	0.456	0.391
11. Been thinking of yourself as a worthless person?	1.179	0.312	0.265
12. Been feeling reasonably happy all things considered?	0.919	0.267	0.290
Overall			0.856

SEM 2: Equation-level goodness of fit standardised

Dependent variable	fitted	Variance predicted	R-squared
1. Been able to concentrate on what you are doing?	0.779	0.216	0.277
2. Lost much sleep over worry?	1.050	0.343	0.326
3. Felt that you are playing a useful part in things?	0.872	0.268	0.308
4. Felt capable of making decisions about things?	0.892	0.424	0.475
5. Felt constantly under strain?	1.137	0.542	0.477
6. Felt that you could not overcome your difficulties?	1.053	0.541	0.514
7. Been able to enjoy your normal day-to-day activities?	1.045	0.500	0.478
8. Been able to face up to your problems?	0.786	0.268	0.341
9. Been feeling unhappy and depressed?	1.261	0.689	0.546
10. Been losing confidence in yourself?	1.165	0.642	0.551
11. Been thinking of yourself as a worthless person?	1.179	0.426	0.361
12. Been feeling reasonably happy all things considered?	0.920	0.275	0.299
Overall			0.970

SEM 3: Equation-level goodness of fit standardised

Dependent variable	fitted	Variance predicted	R-squared
1. Been able to concentrate on what you are doing?	0.779	0.273	0.350
2. Lost much sleep over worry?	1.050	0.339	0.322
3. Felt that you are playing a useful part in things?	0.872	0.233	0.267
4. Felt capable of making decisions about things?	0.892	0.325	0.365
5. Felt constantly under strain?	1.137	0.567	0.499
6. Felt that you could not overcome your difficulties?	1.053	0.576	0.547
7. Been able to enjoy your normal day-to-day activities?	1.045	0.447	0.428
8. Been able to face up to your problems?	0.786	0.284	0.362
9. Been feeling unhappy and depressed?	1.262	0.678	0.537
10. Been losing confidence in yourself?	1.165	0.690	0.592
11. Been thinking of yourself as a worthless person?	1.179	0.441	0.374
12. Been feeling reasonably happy all things considered?	0.920	0.318	0.346
Overall			0.972

Supplementary Files 2: Modification indices

	MI	P>MI	EPC	Standard EPC
cov(e.lostconfidence,e.worthless)	40.87	0.00	0.248	0.419
cov(e.depressed,e.worthless)	26.51	0.00	-0.200	-0.305
cov(e.strain,e.worthless)	27.87	0.00	-0.159	-0.246

MI: Modification Indices, EPC: Expected Parameter Change