

Electronic Supplementary Material 2

The Influence of Patient Experience with Healthcare on the Health-related Quality of Life of People Living with HIV: an observational cross-sectional survey.

Infectious Diseases and Therapy

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Online Resource 1. Individual loadings, reliability, and average variance extracted.

Latent Variable	Indicator	λ	t	CR	α	Rho_A	AVE
Productive Interactions	1 They respect my lifestyle	0.79	24.15	0.86	0.79	0.79	0.61
	2 They are coordinated to offer good healthcare to me	0.76	20.04				
	5 They ask me questions and help me follow my treatment plan	0.78	24.67				
	9 They are concerned about my welfare	0.80	21.47				
New relational model	3 They help me obtain information from the internet	0.83	10.07	0.79	0.61	0.64	0.56
	7 I can use the internet and my mobile phone to consult my medical records	0.61	4.05				
Patient self-management	11 They encourage me to talk to other patients	0.78	8.80	0.75	0.65	0.75	0.45
	4 Now I can take care of myself better	0.84	22.17				
	6 We set goals for a healthy life and better control of my illness	0.71	11.14				
	8 They make sure that I take medication correctly	0.64	9.62				
HRQOL (EQ-5D-5L)	10 I have been informed about health and social resources that can help me	0.41	4.30				
	1 Mobility	0.79	28.13	0.88	0.79	0.81	0.54
	2 Self-care	0.62	10.15				
	3 Daily activities	0.81	28.80				
	4 Pain and discomfort	0.79	29.84				
Complexity of treatment	5 Anxiety and depression	0.65	16.00				
	1 Number of medicines	0.88	55.34	0.88	0.73	0.73	0.78
	2 Number of daily doses	0.89	61.31				
Complexity of clinical care	1 Number of different physicians	0.89	56.13	0.85	0.65	0.67	0.74
	2 Number of visits to healthcare sites	0.82	27.27				

All t statistics were significant at $p < .0001$; λ = lambda (indicators loadings); t = Student's t; CR = Composite reliability; α = Cronbach's alpha reliability coefficient; Rho_A = Jöreskog's rho reliability coefficient AVE = Average variance extracted. HRQOL (EQ-5D-5L) = Five dimension measure of health-related quality of life.

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Electronic Supplementary Material 2. Results of the assessment of compositional invariance through the MICOM procedure.

	Original Correlation	Correlation Permutation Mean	5.0%	Permutation <i>p</i> -Values
Productive interactions	0.99	0.98	0.96	0.927
New relational model	0.97	0.92	0.76	0.608
Patient self-management	0.96	0.96	0.89	0.285
Complexity of clinical care	0.99	0.99	0.98	0.300
Complexity of treatment	0.98	0.99	0.99	0.022
HRQOL (EQ-5D-5L)	0.99	0.99	0.98	0.144

Note: compositional invariance exists when the composite scores are the same across groups, despite possible differences in the group-specific weights used to compute the scores. Measurement invariance of composite models (MICOM) procedure examines c , which is the correlation between the composites scores $Y^{(1)}$ and $Y^{(2)}$. Compositional invariance requires that c equals to 1. If the test yields a p -value higher than .05, we can assume compositional invariance. HRQOL (EQ-5D-5L) = five dimension measure of health-related quality of life.

The measure of self-rate of health (EQ-VAS) is not displayed in the Table because it is a single-item construct, and the latent variable scores $Y^{(1)}$ and $Y^{(2)}$ are identical, entailing a c -value of 1.