Supplementary File 5: Results of psychometric evaluation of the 9-item German ORIC version: Factor analysis, corrected item-total correlations, Cronbach's α

Factor analysis

To get information about the factorial structure of the 9-item German ORIC, an exploratory factor analysis was conducted. KMO measure was .926 and Barlett's test of sphericity was significant (X^2 = 1302.78, $p < .001$), indicating that a factor analysis of the data was appropriate to observe data. Table A shows results of the exploratory factor analysis. Since the main component explains 66% of the variance, a one-factor model could be assumed. The factor loading for the first component can be observed in table B.

Table A: Results of exploratory factor analysis of the 9-item German ORIC with oblique rotation and parallel analysis: eigenvalues of the ten components of the German ORIC and eigenvalues for corresponding random data.

	Eigenvalue			Eigenvalues for random data	
	Total	% of variance	Cumulative %	Means	95% percentile
Component 1	6.02	66.85	66.85	1.45	1.59
Component 2	0.802	8.91	75.76	1.29	1.39
Component 3	0.472	5.25	81.01	1.17	1.25
Component 4	0.392	4.35	85.37	1.07	1.14
Component 5	0.366	4.06	89.43	0.98	1.05
Component 6	0.304	3.38	92.81	0.89	0.96
Component 7	0.250	2.78	95.59	0.81	0.87
Component 8	0.232	2.57	98.16	0.71	0.79
Component 9	0.165	1.84	100.00	0.61	0.69

Notes: For EFA, half of the data set (n=115) was used.

Table B: Factor loadings on the first component.

	Component 1
Item 1	0.860
Item 2	0.856
Item 3	0.837
Item 4	0.836
Item 5	0.835
Item 6	0.799
Item 7	0.797
Item 8	0.791
Item 9	0.739

Notes: For EFA, the sample was split and n=115.

A confirmatory factor analysis was performed with the one-factor model to analyze its fit indices. Indices of the one-factor model are presented in table C.

Table C: Fit indices of the one-factor model of the 9-item German ORIC.

	Chi² [1]	df [2]	Chi²/df [3]	CFI [4]	TLI [5]	RMSEA [6]	AIC [7]	PNFI [8]
One-factor model	56.04	27	2.08	.945	.927	.097	92.04	.676

Notes: One-factor model (including a split data set of n=115): includes items 1 to 9.
[1] discrepancy chi-squared statistic, [2] degrees of freedom, [3] normed chi-squared statistic, [4] comparative fit indexes, [5] Tucker-Lewis Index, [6] root mean square error of approximation, [7] Akaike Information Criterion, [8] Parsimonious Normed Fit Index (PNFI). * $p = .000$

Corrected item-total correlations and Cronbach's α of the 9-item ORIC version

Table D shows the corrected item-total correlation. Corrected item-total correlation ranged from .665 (item 9) to .744 (item 3).

Table D: Discrimination of the nine items of the German ORIC.

	Item discrimination (corrected item-total correlation)
Item 1	.747
Item 2	.696
Item 3	.777
Item 4	.760
Item 5	.762
Item 6	.759
Item 7	.720
Item 8	.691
Item 9	.638

Notes: Items could be answered on a 5-step Likert scale rating from 0 „disagree" to 4 „agree".

Cronbach's α with α = .924 showed the measure to reach excellent reliability.