CORRECTION



Correction to: Measuring context that matters: Validation of the modular Tele-QoL patient-reported outcome and experience measure

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Correction to:

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This correction addresses an error present in Table 3 within the manuscript. The error pertains to a formatting issue in the column documenting "Item fit (Q index)" values, in which one cell contains a missing value and selected other values are swapped. This discrepancy seems to have occurred due to format distortions.

Klara Greffin and Holger Muehlan shared first authorship.

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Table 3 Rasch analysis and reliabilities of the multidimensional Tele-QoL sub-scales and the Tele-QoL index (n=200)

Tele-QoL instruments Multidimensional Tele-QoL measure		Range of item locations $(n_{min-max} = 178-185)$	Range of threshold parameters $(n_{min-max} = 178-185)$	Non- ordered thresholds $(n_{min-max} = 178-185)$	Item fit (Q index) $(n_{min-max} = 178-185)$	Internal consistency	Spilt-half reliability	Test–retest reliability ICC (CI) p-value (t-test)		
						$(n_{min-max} = 178-185)$	$(n_{min-max} = 178-185)$	$(n_{min-max} = 75-78)$	$(n_{min-max} = 75-78)$	
Needs Ori- entation & Trust	4	-0.84 to 0.75	-3.90 to 3.10	_	.025 to .048	.90	.89	0.64 (0.48-0.76)	0.18	
Patient Relief & Autonomy	4	-0.13 to 0.23	-2.39 to 2.92	-	.034 to .069	.87	.83	0.74 (0.62–0.83)	0.23	
Information & Education	4	-0.43 to 0.03	-2.34 to 2.47	-	.038 to .071	.83	.83	0.73 (0.61–0.82)	0.48	
Cooperation & Communication	4	-1.16 to 0.69	-4.35 to 3.49	-	.019 to .050	.90	.84	0.66 (0.51–0.77)	0.36	
Perceived Control & Monitoring	4	-0.82 to 0.80	-2.28 to 2.24	-	.030 to .092	.84	.91	0.72 (0.59-0.81)	0.46	
Perceived Safety & Well-Being	4	-1.17 to 0.96	-6.27 to 4.46	-	.021 to .038	.87	.84	0.70 (0.57–0.80)	0.07	
Data Process- ing & Sur- veillance	4	-0.95 to 0.88	-3.20 to 3.00	-	.028 to .082	.93	.81	0.72 (0.59–0.81	0.13	
Patient Burden & Limitation	4	-0.84 to 0.84	-2.60 to 5.63	-	.031 to .094	.95	.91	0.72 (0.59–0.81)	0.01*	
Tele-QoL index	6	-0.26 to 0.74	-2.71 to 3.05	_	.046 to .075	.90	.84	0.69 (0.55–0.79)	0.26	

Additionally, due to an omission of the editorial team in the publication process, the item content and Rasch Model parameters were not published in the final version of the manuscript. The following tables present the estimated model parameters and the translated content of the questionnaire. It is important to note that while this version has not undergone formal validation, it is a carefully reviewed translation of the validated German questionnaire (see also a full version including instructions presented at the end of this correction).



Table A1 Item parameters of the multidimensional Tele-QoL sub-scales and the Tele-QoL index (n = 200)

Factor	Item content	Item location	Item threshold parameters			Item fit		
						Q index	Zq	p(X>Zq)
Tele-QoL	index		,					
	• I feel safer through telemedicine.	-0.18134	-1.517	-0.935	1.908	0.0561	-0.0663	0.52641
	 I can arrange my everyday life more freely through telemedicine. 	0.74307	-0.863	0.042	3.051	0.0619	0.2239	0.41140
	• I am informed about my health through telemedicine check-ups.	-0.19928	-2.718	-0.634	2.154	0.0749	0.1873	0.42573
	 I am constantly accompanied in manag- ing my condition through telemedicine. 	-0.17449	-1.698	-0.607	1.781	0.0488	-0.1542	0.56128
	• I perceive my telemedical treatment as tailored precisely to me.	0.27064	-0.930	-0.465	2.207	0.0460	-0.1397	0.55556
	• I am informed about my telemedical treatment.	-0.25859	-1.440	-0.588	1.252	0.0533	-0.0450	0.51795
Informatio	on & Education							
	 I was explained how my telemedical treatment works. 	- 0.03625	- 2.007	- 0.519	2.417	0.0380	- 0.2222	0.58793
	• I have understood what happens to me as part of the telemedical treatment.	0.02690	- 1.635	- 0.552	2.267	0.0460	- 0.0975	0.53885
	• I am informed about the limitations of my telemedical treatment.	- 0.43306	- 2.348	-0.740	1.788	0.0458	- 0.1403	0.55578
	 As part of my telemedical treatment, I receive exactly the information that is important for me. 	0.44241	- 1.250	0.112	2.466	0.0711	0.4683	0.31979
Perceived	Control & Monitoring							
	• Through telemedical check-ups, I pay more attention to the signals of my body.	0.31879	- 1.273	0.255	1.974	0.0915	0.3629	0.35833
	 Through telemedicine, I know how to interpret my symptoms. 	0.80201	- 0.586	0.757	2.235	0.0624	0.1352	0.44622
	 Through telemedicine, I can assess when I should seek additional medical assistance. 	- 0.82362	- 2.276	- 0.924	0.729	0.0304	- 0.3566	0.63929
	 The telemedical measures give me a sense of control. 	0.22064	- 2.108	- 0.243	3.103	0.0519	- 0.1231	0.54899
Data Prod	cessing & Surveillance							
	 I am worried that my health data could be misused. 	-0.30033	-2.532	0.594	1.037	0.0350	- 0.1904	0.57549
	• I am concerned that unauthorized individuals might access my health data.	-0.95961	-3.196	-0.310	0.627	0.0315	0.0792	0.46842
	 I am afraid that my privacy could be compromised through telemedical check- ups. 	0.37543	-1.799	0.644	2.281	0.0280	- 0.6156	0.73094
	• I feel like I am being controlled by the telemedical treatment.	0.88451	-1.011	0.661	3.004	0.0821	0.8083	0.20947
Perceived	Safety & Well-Being							
	• Through telemedicine, I also feel well taken care of at home.	- 0.03698	- 3.320	- 0.142	3.351	0.0312	0.0198	0.49209
	 Thanks to telemedical treatment, I feel more internally calm. 	- 1.17248	- 6.270	- 0.735	3.487	0.0212	- 0.1087	0.54329
	 Thanks to telemedicine, I feel safer in dealing with my condition. 	0.24803	- 2.617	- 0.042	3.403	0.0383	0.1131	0.45498
	• The telemedical recording of my health data gives me a sense of safety.	0.96143	- 1.903	0.324	4.463	0.0241	0.0241	0.50975



Factor	Item content	Item location	Item threshold parameters			Item fit		
						Q index	Zq	p(X>Zq)
Patient Re	lief & Autonomy					'	'	
	 I feel supported in my everyday life through telemedical measures. 	0.23182	-1.422	-0.508	2.625	0.0688	0.2820	0.38897
	 I can be more active in my daily life through telemedicine. 	-0.07490	-2.394	-0.755	2.924	0.0342	-0.2713	0.60692
	 Thanks to telemedical treatment, I am more independent in my everyday life. 	-0.12844	-1.472	-0.943	2.029	0.0502	-0.1059	0.54218
	• Telemedicine helps me cope better with difficult situations.	-0.02847	-1.892	-0.427	2.234	0.0598	0.0949	0.46220
Patient Bu	urden & Limitation							
	• Using telemedicine involves a high level of bureaucratic effort for me.	- 0.84351	- 2.588	- 0.480	0.537	0.0943	1.0589	0.14483
	• Using telemedicine burdens me.	0.83916	- 2.600	- 0.511	5.628	0.0314	- 0.6126	0.72994
	• Using telemedicine overwhelms me.	0.21057	- 1.795	0.025	2.401	0.0677	- 0.0417	0.51662
	 Using telemedicine restricts me in my everyday life. 	- 0.20622	- 1.910	0.194	1.098	0.0428	- 0.5023	0.69226
Needs Ori	entation & Trust							
	 My personal needs are taken into account during the telemedical treat- ment. 	- 0.13150	- 1.906	- 0.773	2.284	0.0285	-0.1196	0.54758
	• The telemedical treatment is precisely tailored to my needs.	- 0.83569	- 3.908	- 0.719	2.120	0.0247	-0.1724	0.56845
	 I have confidence in my telemedical treatment measures. 	0.74655	- 0.893	0.487	2.645	0.0454	0.1763	0.43004
	• I can rely on my telemedical treatment.	0.22064	- 2.108	- 0.243	3.103	0.0476	0.1196	0.45240
Communic	cation & Cooperation							
	 I have the opportunity to receive infor- mation about my treatment even at short notice. 	- 1.16153	- 4.354	- 1.297	2.166	0.0501	0.2433	0.40389
	 I feel understood by my telemedical contact person. 	0.34593	- 1.985	- 0.092	3.114	0.0194	- 0.4215	0.66331
	 My telemedical contact person and I communicate on an equal footing. 	0.68603	- 1.375	- 0.060	3.494	0.0298	- 0.0816	0.53251
	• My telemedical contact person motivates me to actually implement agreements.	0.12958	- 2.114	- 0.727	3.230	0.0453	0.2465	0.40264

Tele-QoL

English version

Instructions

For some time now, you have been undergoing telemedical treatment due to a chronic physical or mental condition. We would like to ask you about this in the following. Please answer each of the questions by choosing the option that best applies to you. When answering the questions, please consider how you have been doing on average in the past 4 weeks.

Index-A

- I feel safer through telemedicine.
- I can arrange my everyday life more freely through telemedicine.
- I am informed about my health through telemedicine check-ups.
- I am constantly accompanied in managing my condition through telemedicine.
- I perceive my telemedical treatment as tailored precisely to me.
- I am informed about my telemedical treatment.



Tele-QoL-A

- 1. I was explained how my telemedical treatment works.
- 2. I have understood what happens to me as part of the telemedical treatment.
- 3. I am informed about the limitations of my telemedical treatment
- 4. As part of my telemedical treatment, I receive exactly the information that is important for me.
- 5. Through telemedical check-ups, I pay more attention to the signals of my body.
- 6. Through telemedicine, I know how to interpret my symptoms.
- 7. Through telemedicine, I can assess when I should seek additional medical assistance.
- 8. The telemedical measures give me a sense of control.
- 9. I am worried that my health data could be misused.
- I am concerned that unauthorized individuals might access my health data.
- 11. I am afraid that my privacy could be compromised through telemedical check-ups.
- 12. I feel like I am being controlled by the telemedical treatment.
- Through telemedicine, I also feel well taken care of at home.
- 14. Thanks to telemedical treatment, I feel more internally
- Thanks to telemedicine, I feel safer in dealing with my condition.
- 16. The telemedical recording of my health data gives me a sense of safety.
- 17. I feel supported in my everyday life through telemedical measures.
- 18. I can be more active in my daily life through telemedi-
- 19. Thanks to telemedical treatment, I am more independent in my everyday life.

- Telemedicine helps me cope better with difficult situations.
- 21. Using telemedicine involves a high level of bureaucratic effort for me.
- 22. Using telemedicine burdens me.
- 23. Using telemedicine overwhelms me.
- 24. Using telemedicine restricts me in my everyday life.
- 25. My personal needs are taken into account during the telemedical treatment.
- The telemedical treatment is precisely tailored to my needs.
- 27. I have confidence in my telemedical treatment measures.
- 28. I can rely on my telemedical treatment.
- 29. I have the opportunity to receive information about my treatment even at short notice.
- 30. I feel understood by my telemedical contact person.
- 31. My telemedical contact person and I communicate on an equal footing.
- 32. My telemedical contact person motivates me to actually implement agreements.

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