

The Swedish version of the Anterior Cruciate Ligament Quality of Life Measure (ACL-QOL): translation and measurement properties

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Online Resource 4.

Fit indices for confirmatory factor analysis with standardised factor loadings (surgical n=1163)

Fit indices	Model 1 1 factor	Model 2A 2 factors	Model 2B 2 factors	Model 3A 3 factors	Model 3B 3 factors	Model 4A 4 factors	Model 4B 4 factors	Model 5 5 factors
CFI*	0.790	0.826	0.806	0.821	0.840	0.856	0.843	0.859
RMSEA*	0.110	0.102	0.106	0.102	0.096	0.091	0.095	0.091
90% CI	0.108–0.112	0.099–0.104	0.103–0.108	0.099–0.104	0.094–0.098	0.089–0.094	0.093–0.098	0.089–0.093
SRMR*	0.063	0.057	0.063	0.061	0.056	0.054	0.055	0.052
Chi-square	6983.6	6014.0	6482.1	6010.2	5406.7	4912.0	5312.4	4818.2
df, p-value	464, <0.001	463, <0.001	463, <0.001	461, <0.001	461, <0.001	458, <0.001	458, <0.001	454, <0.001

Standardized factor loadings

	Model 1 1 factor	Model 2A 2 factors	Model 2B 2 factors	Model 3A 3 factors	Model 3B 3 factors	Model 4A 4 factors	Model 4B 4 factors	Model 5 5 factors
Symptoms / Physical	Q1a	0.461	0.586	0.461	0.462	0.587	0.583	0.603
	Q1b	0.489	0.607	0.488	0.488	0.608	0.605	0.625
	Q2	0.675	0.800	0.676	0.679	0.800	0.802	0.814
	Q3	0.696	0.809	0.694	0.697	0.809	0.810	0.816
	Q4	0.665	0.732	0.671	0.673	0.731	0.732	0.735
Work	Q5	0.652	0.759	0.656	0.658	0.759	0.760	0.801
	Q6	0.576	0.666	0.579	0.581	0.665	0.666	0.686
	Q7	0.427	0.464	0.429	0.429	0.464	0.462	0.539
	Q8	0.429	0.454	0.425	0.425	0.455	0.454	0.527
Recreational / Sports	Q9	0.818	0.811	0.835	0.836	0.826	0.826	0.826
	Q10	0.744	0.743	0.747	0.744	0.741	0.739	0.741
	Q11	0.780	0.782	0.793	0.796	0.799	0.801	0.799
	Q12	0.732	0.735	0.739	0.739	0.743	0.743	0.743
	Q13	0.832	0.838	0.851	0.851	0.866	0.867	0.866
	Q14	0.804	0.807	0.817	0.814	0.823	0.822	0.823
	Q15	0.753	0.753	0.756	0.755	0.756	0.755	0.756
	Q16	0.814	0.821	0.802	0.798	0.808	0.806	0.808
	Q17	0.864	0.870	0.876	0.877	0.890	0.891	0.890
	Q18	0.812	0.823	0.821	0.819	0.842	0.841	0.842
Lifestyle	Q19	0.789	0.794	0.793	0.794	0.802	0.803	0.802
	Q20	0.691	0.690	0.700	0.703	0.699	0.701	0.699
	Q21	0.674	0.659	0.667	0.690	0.668	0.696	0.668
	Q22	0.804	0.801	0.786	0.814	0.786	0.813	0.786
	Q23	0.794	0.796	0.825	0.827	0.825	0.824	0.825
	Q24	0.755	0.748	0.776	0.764	0.777	0.768	0.777
	Q25	0.833	0.830	0.848	0.858	0.848	0.858	0.849
	Q26	0.813	0.819	0.818	0.832	0.817	0.827	0.817
Social / Emotional	Q27	0.722	0.729	0.753	0.765	0.753	0.766	0.752
	Q28	0.567	0.571	0.627	0.686	0.626	0.685	0.626
	Q29	0.806	0.806	0.847	0.901	0.847	0.899	0.847
	Q30	0.799	0.801	0.827	0.867	0.826	0.867	0.826
	Q31	0.799	0.801	0.827	0.867	0.826	0.867	0.826
	Q32	0.703	0.712	0.725	0.780	0.724	0.781	0.724

CFI = Comparative Fit Index; CI = Confidence Interval; df = degrees of freedom; Q = Question; RMSEA = Root Mean Square Error of Approximation; SRMR = Standardized Root Mean Square Residual

* CFI ≥0.95 or RMSEA <0.06 or SRMR <0.08 represents acceptable structural validity

or

Fit indices for confirmatory factor analysis with standardised factor loadings (Non-surgical n=570)

Fit indices	Model 1 1 factor	Model 2A 2 factors	Model 2B 2 factors	Model 3A 3 factors	Model 3B 3 factors	Model 4A 4 factors	Model 4B 4 factors	Model 5 5 factors
CFI*	0.838	0.868	0.852	0.858	0.890	0.897	0.895	0.902
RMSEA*	0.100	0.091	0.096	0.095	0.083	0.081	0.081	0.079
90% CI	0.097–0.104	0.087–0.094	0.093–0.099	0.091–0.098	0.080–0.087	0.077–0.084	0.078–0.085	0.076–0.082
SRMR*	0.056	0.047	0.056	0.055	0.045	0.043	0.044	0.042
Chi-square	3131.1	2641.0	2898.4	2808.0	2280.9	2161.2	2191.7	2066.7
df, p-value	464, <0.001	463, <0.001	463, <0.001	461, <0.001	461, <0.001	458, <0.001	458, <0.001	454, <0.001

		Standardized factor loadings							
Symptoms / Physical	Q1a	0.495	0.554	0.495	0.496	0.552	0.550	0.570	0.565
	Q1b	0.506	0.606	0.508	0.509	0.603	0.600	0.623	0.617
	Q2	0.629	0.745	0.625	0.627	0.745	0.751	0.772	0.778
	Q3	0.679	0.798	0.669	0.671	0.801	0.805	0.824	0.826
	Q4	0.660	0.723	0.654	0.656	0.724	0.724	0.745	0.742
Work	Q5	0.696	0.790	0.693	0.694	0.788	0.784	0.829	0.829
	Q6	0.628	0.745	0.621	0.623	0.745	0.746	0.783	0.784
	Q7	0.514	0.597	0.510	0.510	0.597	0.594	0.648	0.648
	Q8	0.502	0.556	0.496	0.496	0.557	0.551	0.600	0.599
Recreational / Sports	Q9	0.770	0.765	0.782	0.782	0.772	0.772	0.772	0.772
	Q10	0.713	0.714	0.713	0.712	0.709	0.709	0.709	0.709
	Q11	0.841	0.845	0.849	0.850	0.854	0.855	0.854	0.855
	Q12	0.679	0.685	0.693	0.693	0.704	0.704	0.704	0.704
	Q13	0.862	0.866	0.878	0.878	0.888	0.888	0.888	0.888
	Q14	0.876	0.880	0.887	0.886	0.894	0.894	0.894	0.894
	Q15	0.809	0.813	0.819	0.818	0.826	0.826	0.826	0.826
	Q16	0.890	0.896	0.894	0.893	0.901	0.901	0.901	0.901
	Q17	0.875	0.881	0.888	0.888	0.898	0.898	0.898	0.898
	Q18	0.815	0.822	0.826	0.825	0.838	0.838	0.838	0.838
Lifestyle	Q19	0.821	0.825	0.825	0.825	0.831	0.831	0.831	0.831
	Q20	0.745	0.747	0.742	0.743	0.741	0.741	0.741	0.741
	Q21	0.688	0.676	0.699	0.715	0.703	0.725	0.703	0.724
	Q22	0.828	0.822	0.820	0.840	0.821	0.840	0.822	0.840
	Q23	0.811	0.809	0.838	0.842	0.838	0.838	0.838	0.839
	Q24	0.834	0.828	0.844	0.845	0.846	0.849	0.846	0.849
	Q25	0.835	0.832	0.856	0.860	0.857	0.859	0.857	0.859
	Q26	0.799	0.802	0.803	0.810	0.801	0.801	0.801	0.800
	Q27	0.776	0.780	0.790	0.804	0.787	0.805	0.787	0.805
	Q28	0.681	0.682	0.724	0.731	0.722	0.731	0.722	0.731
Social / Emotional	Q29	0.845	0.843	0.878	0.898	0.877	0.897	0.877	0.897
	Q30	0.850	0.850	0.862	0.886	0.862	0.885	0.862	0.884
	Q31	0.780	0.787	0.785	0.808	0.781	0.809	0.781	0.810
	Q32	0.780	0.787	0.785	0.808	0.781	0.809	0.781	0.810

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