

Results

CFA - 1F (WLSMV)

Model fit

Chi-square test

Model	χ^2	df	p
Baseline model	3015.968	78	
Factor model	230.141	66	< .001

Additional fit measures

Fit indices

Index	Value
Comparative Fit Index (CFI)	0.947
Tucker-Lewis Index (TLI)	0.937
Bentler-Bonett Normed Fit Index (NFI)	0.937
Bentler-Bonett Normed Fit Index (NFI)	0.927
Parsonomy Normed Fit Index (PNFI)	0.773
Bollen's Relative Fit Index (RFI)	0.912
Bollen's Incremental Fit Index (IFI)	0.947
Relative Noncentrality Index (RNI)	0.947

Information criteria

Information criteria are only available with ML-type estimators	
Akaike (AIC)	
Schwarz (BIC)	
Sample size adjusted Bayesian (SSABIC)	

Other fit measures

Metric	Value
Root mean square error of approximation (RMSEA)	0.069
RMSEA 90% CI lower bound	0.059
RMSEA 90% CI upper bound	0.079
RMSEA p-value	9.39e+10 ⁻⁶
Standardized root mean square residual (SRMR)	0.081
Hoelter's critical N (α = .001)	193.266
Hoelter's critical N (α = .01)	215.030
Goodness of fit index (GFI)	0.959
McDonald fit index (NFI)	0.856
Expected cross validation index (ECVI)	0.545

Kalser-Meyer-Olkin (KMO) test

Indicator	KMO
SSSCL 01	0.810
SSSCL 02	0.814
SSSCL 03	0.876
SSSCL 04	0.874
SSSCL 05	0.848
SSSCL 06	0.823
SSSCL 07	0.899
SSSCL 08	0.895
SSSCL 09	0.879
SSSCL 10	0.792
SSSCL 11	0.806
SSSCL 12	0.853
SSSCL 13	0.765
Overall	0.847

Bartlett's test of sphericity

χ^2	df	p
1943.112	78	< .001

Parameter estimates

Factor loadings

Factor	Indicator	Std. estimate	Std. Error	z-value	p	95% Confidence Interval	
						Lower	Upper
Czynnik 01	SSSCL 01	0.800	0.038	15.645	< .001	0.525	0.675
	SSSCL 02	0.591	0.040	14.944	< .001	0.514	0.669
	SSSCL 03	0.674	0.030	22.583	< .001	0.616	0.733
	SSSCL 04	0.635	0.034	18.892	< .001	0.569	0.701
	SSSCL 05	0.381	0.053	7.138	< .001	0.277	0.486
	SSSCL 06	0.432	0.042	10.262	< .001	0.349	0.514
	SSSCL 07	0.640	0.033	19.289	< .001	0.575	0.705
	SSSCL 08	0.575	0.035	16.559	< .001	0.507	0.643
	SSSCL 09	0.595	0.032	18.417	< .001	0.532	0.658
	SSSCL 10	0.387	0.042	9.122	< .001	0.304	0.471
	SSSCL 11	0.478	0.042	11.347	< .001	0.384	0.558
	SSSCL 12	0.808	0.035	17.286	< .001	0.539	0.677
	SSSCL 13	0.314	0.045	7.026	< .001	0.226	0.401

Factor variances

Factor	Std. estimate	Std. Error	z-value	p	95% Confidence Interval	
					Lower	Upper
Czynnik 1	1.000	0.000			1.000	1.000

Residual variances

Indicator	Std. estimate	Std. Error	z-value	p	95% Confidence Interval	
					Lower	Upper
SSSCL 01	0.640	0.046	13.916	< .001	0.550	0.730
SSSCL 02	0.650	0.047	13.904	< .001	0.559	0.742
SSSCL 03	0.545	0.040	13.552	< .001	0.467	0.624
SSSCL 04	0.597	0.043	13.878	< .001	0.513	0.680
SSSCL 05	0.854	0.041	20.959	< .001	0.775	0.934
SSSCL 06	0.813	0.036	22.370	< .001	0.742	0.885
SSSCL 07	0.590	0.042	13.891	< .001	0.507	0.673
SSSCL 08	0.670	0.040	16.794	< .001	0.592	0.748
SSSCL 09	0.646	0.038	16.797	< .001	0.571	0.721
SSSCL 10	0.850	0.033	25.847	< .001	0.786	0.914
SSSCL 11	0.774	0.040	19.386	< .001	0.695	0.852
SSSCL 12	0.631	0.043	14.767	< .001	0.547	0.715
SSSCL 13	0.902	0.028	32.150	< .001	0.847	0.906

Average variance extracted

Factor	AVE
Czynnik 1	0.291

Heterotrait-monotrait ratio

Czynnik 1	
	1.000

Reliability

	Coefficient α	Coefficient α
Czynnik 1	0.827	0.835

Model syntax

```
* Factors
Factor1 = lambda_1_1*SSSCL_01 + lambda_1_2*SSSCL_02 + lambda_1_3*SSSCL_03 +
lambda_1_4*SSSCL_04 + lambda_1_5*SSSCL_05 + lambda_1_6*SSSCL_06 +
lambda_1_7*SSSCL_07 + lambda_1_8*SSSCL_08 + lambda_1_9*SSSCL_09 +
lambda_1_10*SSSCL_10 + lambda_1_11*SSSCL_11 + lambda_1_12*SSSCL_12 +
lambda_1_13*SSSCL_13
```

Model fit

	AIC	BIC	n(Observations)	n(Parameters)		Baseline test		
				Total	Free	χ^2	df	p
1- Factor			500	27	26	220.141	65.000	< .001

Note. Information matrix is expected. The AIC, BIC and additional information criteria are only available with ML-type estimators.

Warnings: estimator "DWLS" is not recommended for continuous data. Did you forget to set the ordered= argument?

Additional Fit Measures

Fit indices

Index	Value
Comparative Fit Index (CFI)	0.947
Tucker-Lewis Index (TLI)	0.937
Bentler-Bonett Non-normed Fit Index (NNFI)	0.927
Bentler-Bonett Normed Fit Index (NFI)	0.927
Paragon Normed Fit Index (PNFI)	0.773
Bollen's Relative Fit Index (RFI)	0.912
Bollen's Incremental Fit Index (IFI)	0.947
Relative Noncentrality Index (RNI)	0.947
Root mean square error of approximation (RMSEA)	0.069
RMSEA 90% CI lower bound	0.059
RMSEA 90% CI upper bound	0.079
RMSEA p-value	9.299e-10 ⁻⁴
Standardized root mean square residual (SRMR)	0.081
Hoeller's critical N (N = 20)	193.296
Hoeller's critical N (N = 21)	215.030
Goodness of fit index (GFI)	0.959
McDonald fit index (MFI)	0.856
Expected cross validation index (ECVI)	0.549

T-size fit indices

	CFI	RMSEA
Estimate	0.922	0.079
Poor-fair limit	0.865	0.089
Fair-good limit	0.926	0.061

Note. T-size statistics are computed for $\alpha = 0.05$.

Average variance extracted

Latent	AVE
Wymk ogólny	0.106

Reliability

	Coefficient α	Coefficient ω
Wymk ogólny	0.839	0.298

Heterotrait-monotrait ratio

Wymk ogólny
1.000

Parameter Estimates

Factor Loadings

Latent	Indicator	Std. estimate	Std. error	z-value	p	95% Confidence interval	
						Lower	Upper
Wymk ogólny	SSSCL 01	lambda_1_1	0.800	0.045	13.354	< .001	0.503 0.678
	SSSCL 02	lambda_1_2	0.591	0.046	12.829	< .001	0.498 0.679
	SSSCL 03	lambda_1_3	0.674	0.031	21.435	< .001	0.608 0.730
	SSSCL 04	lambda_1_4	0.635	0.040	15.784	< .001	0.548 0.707
	SSSCL 05	lambda_1_5	0.381	0.053	7.161	< .001	0.272 0.483
	SSSCL 06	lambda_1_6	0.432	0.043	10.146	< .001	0.341 0.512
	SSSCL 07	lambda_1_7	0.640	0.036	17.962	< .001	0.568 0.710
	SSSCL 08	lambda_1_8	0.675	0.036	15.768	< .001	0.503 0.648
	SSSCL 09	lambda_1_9	0.595	0.034	17.607	< .001	0.524 0.658
	SSSCL 10	lambda_1_10	0.387	0.046	8.336	< .001	0.298 0.481
	SSSCL 11	lambda_1_11	0.476	0.045	10.592	< .001	0.303 0.570
	SSSCL 12	lambda_1_12	0.808	0.039	15.815	< .001	0.533 0.686
	SSSCL 13	lambda_1_13	0.314	0.044	7.056	< .001	0.227 0.399

Factor variances

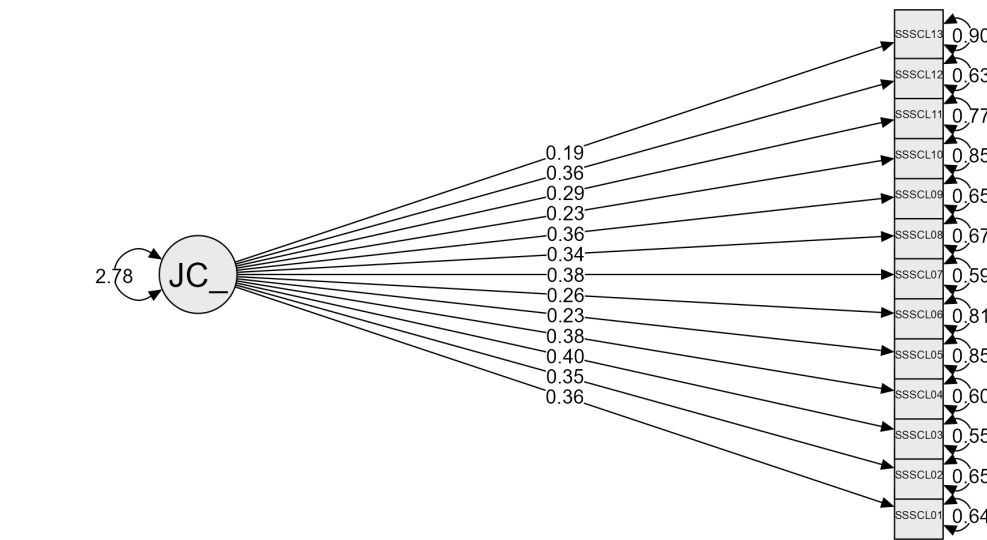
Variable	Std. estimate	Std. Error	z-value	p	95% Confidence interval	
					Lower	Upper
Wymk ogólny	1.000	0.000			1.000	1.000

Residual variances

Variable	Std. estimate	Std. Error	z-value	p	95% Confidence interval	
					Lower	Upper
SSSCL 01	0.640	0.053	12.003	< .001	0.540	0.747
SSSCL 02	0.650	0.054	12.146	< .001	0.539	0.752
SSSCL 03	0.545	0.042	12.880	< .001	0.467	0.630
SSSCL 04	0.597	0.051	11.789	< .001	0.499	0.699
SSSCL 05	0.854	0.040	21.122	< .001	0.767	0.926
SSSCL 06	0.813	0.037	22.153	< .001	0.738	0.884
SSSCL 07	0.590	0.045	12.976	< .001	0.496	0.678
SSSCL 08	0.670	0.042	16.121	< .001	0.581	0.747
SSSCL 09	0.646	0.040	16.079	< .001	0.567	0.725
SSSCL 10	0.850	0.036	23.629	< .001	0.769	0.911
SSSCL 11	0.774	0.042	18.212	< .001	0.675	0.845
SSSCL 12	0.631	0.047	13.435	< .001	0.529	0.716
SSSCL 13	0.902	0.028	31.713	< .001	0.841	0.948

Path diagram

Path diagram



Model fit

Chi-square test

Model	χ^2	df	p
Baseline model	3015.968	78	
Factor model	129.837	64	< .001

Additional fit measures

Fit indices

Index	Value
Comparative Fit index (CFI)	0.978
Tucker-Lewis Index (TLI)	0.973
Bentler-Bonett Normed Fit Index (NNFI)	0.973
Bentler-Bonett Normed Fit Index (NFI)	0.967
Parimony Normed Fit Index (PNFI)	0.785
Bollen's Relative Fit Index (RFI)	0.948
Bollen's Incremental Fit Index (IFI)	0.978
Relative Noncentrality Index (RNI)	0.978

Information criteria

Information criteria are only available with ML-type estimators	
Akaike (AIC)	3016.000
Bayesian (BIC)	3020.000
Sample size adjusted Bayesian (SSA-BIC)	3015.968

Other fit measures

Metric	Value
Root mean square error of approximation (RMSEA)	0.045
RMSEA 90% CI lower bound	0.034
RMSEA 90% CI upper bound	0.057
RMSEA-p value	0.738
Standardized root mean square residual (SRMR)	0.064
Hosmer's critical N (a = .05)	322.588
Hosmer's critical N (a = .01)	359.259
Goodness of fit index (GFI)	0.976
McDonald's fit index (MFI)	0.936
Expected cross-validation index (ECVI)	0.368

Kaiser-Meyer-Olkin (KMO) test

Indicator	MSA
SSSCL 01	0.810
SSSCL 02	0.814
SSSCL 03	0.876
SSSCL 04	0.874
SSSCL 05	0.848
SSSCL 06	0.823
SSSCL 07	0.899
SSSCL 08	0.895
SSSCL 09	0.879
SSSCL 10	0.792
SSSCL 11	0.806
SSSCL 12	0.863
SSSCL 13	0.765
Overall	0.847

Bartlett's test of sphericity

χ^2	df	p
1943.112	78	< .001

Parameter estimates

Factor loadings

Factor	Indicator	Std. estimate	Std. Error	z-value	p	95% Confidence Interval
Satisfakcija	SSSCL 01	0.685	0.037	18.299	< .001	0.612 0.759
	SSSCL 02	0.654	0.039	16.596	< .001	0.577 0.731
	SSSCL 03	0.745	0.031	23.896	< .001	0.684 0.806
	SSSCL 04	0.730	0.034	21.760	< .001	0.665 0.796
	SSSCL 05	0.422	0.055	7.605	< .001	0.313 0.530
Pewność siebie	SSSCL 06	0.472	0.043	10.872	< .001	0.387 0.557
	SSSCL 07	0.680	0.035	19.399	< .001	0.612 0.749
	SSSCL 08	0.612	0.035	17.399	< .001	0.543 0.681
	SSSCL 09	0.622	0.033	18.681	< .001	0.557 0.687
	SSSCL 10	0.419	0.044	9.626	< .001	0.334 0.504
	SSSCL 11	0.520	0.044	11.873	< .001	0.434 0.606
	SSSCL 12	0.654	0.036	18.360	< .001	0.584 0.724
	SSSCL 13	0.343	0.046	7.461	< .001	0.253 0.433

Factor variances

Factor	Std. estimate	Std. Error	z-value	p	95% Confidence Interval
Satisfakcija	1.000	0.000			1.000 1.000
Pewność siebie	1.000	0.000			1.000 1.000

Factor covariances

	Std. estimate	Std. Error	z-value	p	95% Confidence Interval
Satisfakcija ↔ Pewność siebie	0.693	0.040	17.198	< .001	0.614 0.772

Residual variances

Indicator	Std. estimate	Std. Error	z-value	p	95% Confidence Interval
SSSCL 01	0.530	0.051	10.332	< .001	0.430 0.631
SSSCL 02	0.573	0.052	11.113	< .001	0.472 0.673
SSSCL 03	0.445	0.046	9.595	< .001	0.354 0.536
SSSCL 04	0.467	0.049	9.516	< .001	0.370 0.563
SSSCL 05	0.622	0.047	17.597	< .001	0.731 0.914
SSSCL 06	0.777	0.041	18.994	< .001	0.697 0.858
SSSCL 07	0.537	0.048	11.259	< .001	0.444 0.631
SSSCL 08	0.626	0.043	14.527	< .001	0.541 0.710
SSSCL 09	0.613	0.041	14.822	< .001	0.532 0.695
SSSCL 10	0.625	0.036	22.621	< .001	0.753 0.896
SSSCL 11	0.730	0.046	16.023	< .001	0.640 0.819
SSSCL 12	0.573	0.047	12.300	< .001	0.481 0.664
SSSCL 13	0.882	0.032	27.977	< .001	0.821 0.944

Average variance extracted

Factor	AVE
Satisfakcija	0.393
Pewność siebie	0.315

Heterotrait-monotrait ratio

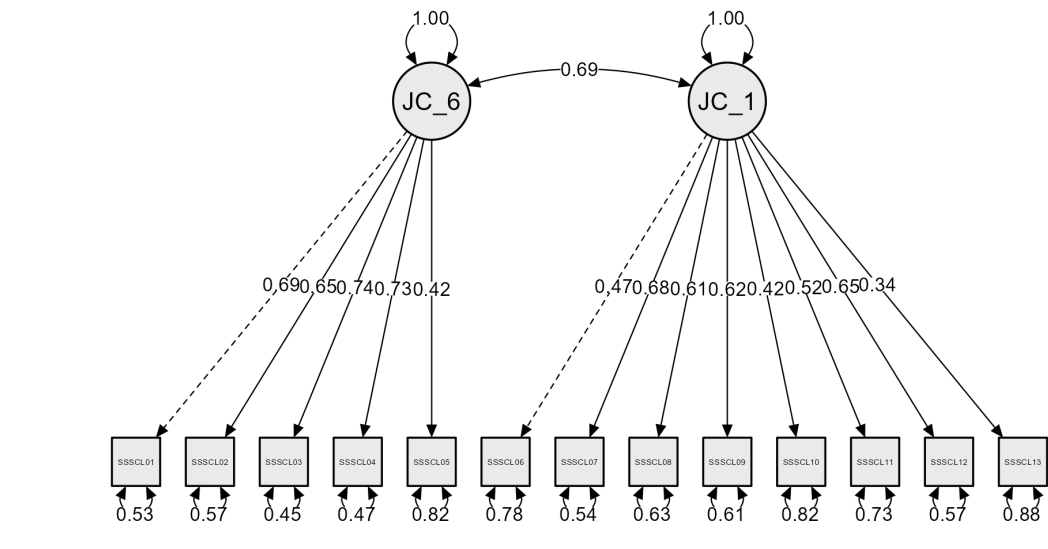
Satisfakcija	Pewność siebie
1.000	
0.634	1.000

Reliability

	Coefficient ω	Coefficient α
Satisfakcija	0.752	0.768
Pewność siebie	0.758	0.777
total	0.840	0.835

Plots

Model plot



Model syntax

```
# Factors
Factors1 ~. lambda_1_1*BSC1_01 + lambda_1_2*BSC1_02 + lambda_1_3*BSC1_03 +
lambda_1_4*BSC1_04 + lambda_1_5*BSC1_05
Factors2 ~. lambda_2_1*BSC2_06 + lambda_2_2*BSC2_07 + lambda_2_3*BSC2_08 +
lambda_2_4*BSC2_09 + lambda_2_5*BSC2_10 + lambda_2_6*BSC2_11 +
lambda_2_7*BSC2_12 + lambda_2_8*BSC2_13
```

Model fit

Chi-square test

Model	χ^2	df	p
Baseline model	3015.968	78	
Factor model	1163.409	65	< .001

Additional fit measures

Fit indices

Index	Value
Comparative Fit index (CFI)	0.626
Tucker-Lewis Index (TLI)	0.551
Bentler-Bonett Normed Fit Index (NNFI)	0.551
Bentler-Bonett Normed Fit Index (NFI)	0.514
Paranormy Normed Fit Index (PNFI)	0.512
Bollen's Relative Fit Index (RFI)	0.537
Bollen's Incremental Fit index (IFI)	0.628
Relative Noncentrality Index (RNI)	0.626

Information criteria

Information criteria are only available with ML-type estimators
Akaike (AIC)
Bayesian (BIC)
Sample size adjusted Bayesian (SABIC)

Other fit measures

Metric	Value
Root mean square error of approximation (RMSEA)	0.184
RMSEA 90% CI lower bound	0.175
RMSEA 90% CI upper bound	0.193
RMSEA-p value	2.220e+10 ⁻¹⁴
Standardized root mean square residual (SRMR)	0.181
Hosmer's critical N (a = .05)	37.381
Hosmer's critical N (a = .01)	41.499
Goodness of fit index (GFI)	0.783
McDonald fit index (MFI)	0.333
Expected cross validation index (ECVI)	2.436

Kaiser-Meyer-Olkin (KMO) test

Indicator	MSA
SSSCL 01	0.810
SSSCL 02	0.814
SSSCL 03	0.875
SSSCL 04	0.874
SSSCL 05	0.848
SSSCL 06	0.823
SSSCL 07	0.899
SSSCL 08	0.895
SSSCL 09	0.879
SSSCL 10	0.792
SSSCL 11	0.806
SSSCL 12	0.863
SSSCL 13	0.765
Overall	0.847

Bartlett's test of sphericity

χ^2	df	p
1943.112	78	< .001

Parameter estimates

Factor loadings

Factor	Indicator	Std. estimate	Std. Error	z-value	p	95% Confidence Interval
Satisfakcija	SSSCL 01	0.715	0.036	19.992	< .001	0.645 0.785
	SSSCL 02	0.660	0.039	17.124	< .001	0.585 0.736
	SSSCL 03	0.693	0.034	20.181	< .001	0.626 0.760
	SSSCL 04	0.744	0.033	22.354	< .001	0.676 0.809
	SSSCL 05	0.433	0.052	8.391	< .001	0.332 0.534
Pewność siebie	SSSCL 06	0.500	0.041	12.079	< .001	0.419 0.581
	SSSCL 07	0.631	0.037	17.169	< .001	0.559 0.703
	SSSCL 08	0.574	0.039	14.503	< .001	0.497 0.651
	SSSCL 09	0.573	0.036	15.872	< .001	0.503 0.644
	SSSCL 10	0.449	0.043	10.390	< .001	0.364 0.534
SSSCL 11	SSSCL 11	0.569	0.044	12.835	< .001	0.482 0.656
	SSSCL 12	0.672	0.035	19.239	< .001	0.604 0.740
	SSSCL 13	0.384	0.045	8.575	< .001	0.296 0.472

Factor variances

Factor	Std. estimate	Std. Error	z-value	p	95% Confidence Interval
Satisfakcija	1.000	0.000			1.000 1.000
Pewność siebie	1.000	0.000			1.000 1.000

Residual variances

Indicator	Std. estimate	Std. Error	z-value	p	95% Confidence Interval
SSSCL 01	0.489	0.051	9.556	< .001	0.389 0.589
SSSCL 02	0.564	0.051	11.075	< .001	0.464 0.664
SSSCL 03	0.520	0.048	10.920	< .001	0.426 0.613
SSSCL 04	0.447	0.049	9.032	< .001	0.350 0.544
SSSCL 05	0.812	0.045	18.152	< .001	0.725 0.900
SSSCL 06	0.750	0.041	18.153	< .001	0.669 0.831
SSSCL 07	0.662	0.046	12.976	< .001	0.511 0.693
SSSCL 08	0.671	0.045	14.807	< .001	0.582 0.759
SSSCL 09	0.671	0.041	16.203	< .001	0.590 0.752
SSSCL 10	0.798	0.039	20.477	< .001	0.722 0.874
SSSCL 11	0.676	0.050	13.417	< .001	0.578 0.775
SSSCL 12	0.549	0.047	11.700	< .001	0.457 0.640
SSSCL 13	0.852	0.034	24.762	< .001	0.785 0.920

Average variance extracted

Factor	AVE
Satisfakcija	0.397
Pewność siebie	0.313

Heterotrait-monotrait ratio

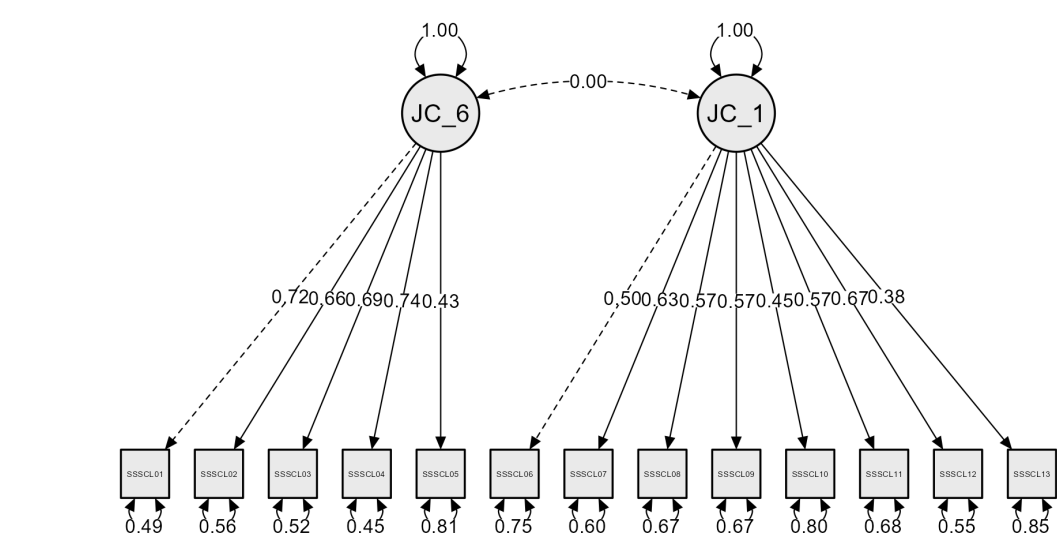
Satisfakcija	Pewność siebie
1.000	
0.634	1.000

Reliability

	Coefficient ω	Coefficient α
Satisfakcija	0.760	0.768
Pewność siebie	0.766	0.777
total	0.506	0.835

Plots

Model plot



Model syntax

```
! FACTORS
Factor1 = lambda_1_1*SSSCL 01 + lambda_1_2*SSSCL 02 + lambda_1_3*SSSCL 03 +
lambda_1_4*SSSCL 04 + lambda_1_5*SSSCL 05
Factor2 = lambda_2_1*SSSCL 06 + lambda_2_2*SSSCL 07 + lambda_2_3*SSSCL 08 +
lambda_2_4*SSSCL 09 + lambda_2_5*SSSCL 10 + lambda_2_6*SSSCL 11 +
lambda_2_7*SSSCL 12 + lambda_2_8*SSSCL 13
```

Model fit

	AIC	BIC	n(Observations)	n(Parameters)		Baseline test		
				Total	Free	χ^2	df	p
2-Factor			500	29	27	129.837	64.000	< .001

Note. Information matrix is expected. The AIC, BIC and additional information criteria are only available with ML-type estimators.

Warning: estimator "DWLS" is not recommended for continuous data. Did you forget to set the ordered argument?

Additional Fit Measures

Fit indices

Index	Value
Comparative Fit Index (CFI)	0.978
Tucker-Lewis Index (TLI)	0.973
Bentler-Bonett Non-normed Fit Index (NNFI)	0.973
Bentler-Bonett Normed Fit Index (NFI)	0.957
Paragon Normed Fit Index (PNFI)	0.785
Bollen's Relative Fit Index (RFI)	0.948
Bollen's Incremental Fit Index (IFI)	0.978
Relative Noncentrality Index (RNI)	0.978
Root mean square error of approximation (RMSEA)	0.045
RMSEA 90% CI lower bound	0.034
RMSEA 90% CI upper bound	0.057
RMSEA p-value	0.738
Standardized root mean square residual (SRMR)	0.054
Hoelter's critical N (a = .05)	322.588
Hoelter's critical N (a = .01)	359.259
Goodness of fit index (GFI)	0.976
McDonald fit index (MFI)	0.936
Expected cross validation index (ECVI)	0.376

T-size fit indices

	CFI	RMSEA
Estimate	0.960	0.057
Poor-fair limit	0.865	0.089
Fair-ideal limit	0.926	0.061

Note. T-size statistics are computed for $\alpha = 0.05$.

Average variance extracted

Latent	AVE
Satyfakcja	0.203
Pewność siebie	0.058

Reliability

	Coefficient α	Coefficient ω
Satyfakcja	0.787	0.364
Pewność siebie	0.776	0.167
total	0.839	0.266

Heterotrait-monotrait ratio

	Pewność siebie
Satyfakcja	1.000
	0.634

Parameter Estimates

Factor Loadings

Latent	Indicator	Std. estimate	Std. error	z-value	p	95% Confidence interval	
						Lower	Upper
Pewność siebie	SSSCL 06	lambda_2_1	0.472	0.044	10.807	< .001	0.387
	SSSCL 07	lambda_2_2	0.680	0.037	18.169	< .001	0.597
	SSSCL 08	lambda_2_3	0.612	0.037	16.410	< .001	0.541
	SSSCL 09	lambda_2_4	0.622	0.033	18.622	< .001	0.553
	SSSCL 10	lambda_2_5	0.419	0.045	9.220	< .001	0.325
	SSSCL 11	lambda_2_6	0.520	0.046	11.377	< .001	0.420
	SSSCL 12	lambda_2_7	0.654	0.039	16.954	< .001	0.573
	SSSCL 13	lambda_2_8	0.343	0.047	7.257	< .001	0.246
	SSSCL 01	lambda_1_1	0.685	0.040	17.200	< .001	0.601
	SSSCL 02	lambda_1_2	0.654	0.042	15.717	< .001	0.567
	SSSCL 03	lambda_1_3	0.745	0.032	23.011	< .001	0.682
	SSSCL 04	lambda_1_4	0.730	0.034	21.369	< .001	0.669
	SSSCL 05	lambda_1_5	0.422	0.054	7.768	< .001	0.320

Factor variances

Variable	Std. estimate	Std. Error	z-value	p	95% Confidence interval	
					Lower	Upper
Satyfakcja	1.000	0.000			1.000	1.000
Pewność siebie	1.000	0.000			1.000	1.000

Factor covariances

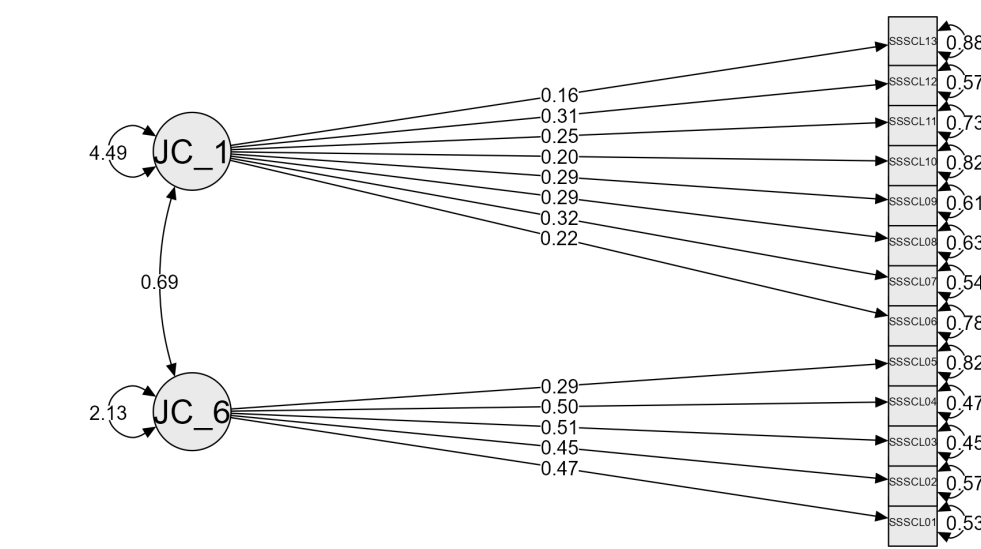
Variables	Std. estimate	Std. Error	z-value	p	95% Confidence interval	
					Lower	Upper
Satyfakcja - Pewność siebie	0.893	0.040	17.473	< .001	0.813	0.769

Residual variances

Variable	Std. estimate	Std. Error	z-value	p	95% Confidence interval	
					Lower	Upper
SSSCL 01	0.530	0.054	9.782	< .001	0.425	0.639
SSSCL 02	0.573	0.054	10.654	< .001	0.469	0.678
SSSCL 03	0.445	0.048	9.230	< .001	0.344	0.535
SSSCL 04	0.487	0.050	9.388	< .001	0.380	0.552
SSSCL 05	0.822	0.046	17.979	< .001	0.716	0.897
SSSCL 06	0.777	0.041	18.927	< .001	0.691	0.850
SSSCL 07	0.537	0.051	10.602	< .001	0.444	0.643
SSSCL 08	0.625	0.045	13.751	< .001	0.522	0.707
SSSCL 09	0.613	0.041	14.842	< .001	0.528	0.694
SSSCL 10	0.825	0.038	21.650	< .001	0.748	0.694
SSSCL 11	0.730	0.047	15.485	< .001	0.636	0.823
SSSCL 12	0.573	0.050	11.469	< .001	0.473	0.672
SSSCL 13	0.882	0.032	27.200	< .001	0.812	0.940

Path diagram

Path diagram



Model fit

	n(Parameters)				Baseline test		
	AIC	BIC	n(Observations)	Total	Free	χ^2	p
Bifactor	500	31	28	129.837	63.000	< .001	

Note: Information matrix is expected. The AIC, BIC and additional information criteria are only available with ML-type estimators.

Warning: estimator "DWLS" is not recommended for continuous data. Did you forget to set the ordered-argument?

Additional Fit Measures

Fit indices

Index	Value
Comparative Fit index (CFI)	0.977
Tucker-Lewis Index (TLI)	0.972
Bentler-Bonett Normed Fit Index (NNFI)	0.972
Bentler-Bonett Normed Fit Index (NFI)	0.957
Parimony Normed Fit Index (PNFI)	0.773
Bollen's Relative Fit Index (RFI)	0.947
Bollen's Incremental Fit Index (IFI)	0.977
Relative Noncentrality Index (RNI)	0.977
Root mean square error of approximation (RMSEA)	0.046
RMSEA 90% CI lower bound	0.035
RMSEA 90% CI upper bound	0.057
RMSEA p-value	0.702
Standardized root mean square residual (SRMR)	0.064
Keller's critical N (a = .05)	315.182
Hottel's critical N (a = .01)	354.621
Goodness of fit index (GFI)	0.976
McDonald's index (MI)	0.925
Expected cross validation index (ECVI)	0.384

Factor fit indices

	CFI	RMSEA
Estimate	0.959	0.057
Floor/ceiling limit	0.865	0.090
Fail-close limit	0.908	0.081

Note: Twice statistics are computed for a = 0.05.

Average variance extracted

Latent	AVE
Satyfakcja	0.203
Pewność siebie	0.088

Reliability

	Coefficient a	Coefficient u
Satyfakcja	0.787	0.364
Pewność siebie	0.776	0.187
total	0.839	0.266

Heterotrait-monotrait ratio

Satyfakcja	Pewność siebie	Wynik ogólny
1.000		
0.434	1.000	
1.149	1.125	1.000

Parameter Estimates

Factor Loadings

Latent	Indicator	Std. estimate	Std. error	z-value	p	95% Confidence interval		
						Lower	Upper	
Pewność siebie	SSSCL 06	lambda_2,1	0.472	0.042	11.139	<.001	0.387	0.552
	SSSCL 07	lambda_2,2	0.680	0.036	18.698	<.001	0.608	0.752
	SSSCL 08	lambda_2,3	0.612	0.038	16.132	<.001	0.532	0.682
	SSSCL 09	lambda_2,4	0.622	0.034	18.075	<.001	0.547	0.686
	SSSCL 10	lambda_2,5	0.419	0.047	8.991	<.001	0.319	0.507
	SSSCL 11	lambda_2,6	0.520	0.046	11.406	<.001	0.426	0.610
	SSSCL 12	lambda_2,7	0.654	0.038	17.196	<.001	0.576	0.728
	SSSCL 13	lambda_2,8	0.343	0.047	7.362	<.001	0.249	0.432
	SSSCL 01	lambda_1,1	0.685	0.040	17.024	<.001	0.606	0.759
	SSSCL 02	lambda_1,2	0.654	0.043	15.337	<.001	0.574	0.739
	SSSCL 03	lambda_1,3	0.745	0.031	24.340	<.001	0.679	0.803
	SSSCL 04	lambda_1,4	0.730	0.035	20.787	<.001	0.664	0.799
	SSSCL 05	lambda_1,5	0.422	0.057	7.354	<.001	0.304	0.523
Wynik ogólny	Satyfakcja		0.803	0.039	20.723	<.001	0.729	0.877
	Pewność siebie		0.862	0.053	16.340	<.001	0.763	0.972

Factor variances

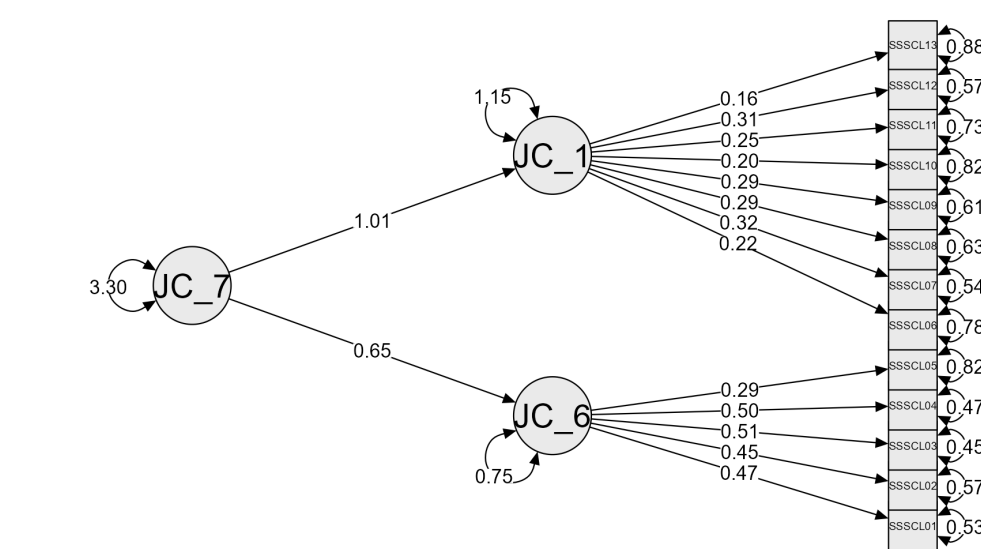
Variable	Std. estimate	Std. Error	z-value	p	95% Confidence interval	
					Lower	Upper
Satyfakcja	0.355	0.063	5.672	< .001	0.231	0.482
Pewność siebie	0.206	0.091	2.805	.005	0.005	0.415
Wynik ogólny	1.000	0.000			1.000	1.000

Residual variances

Variable	Std. estimate	Std. Error	z-value	p	95% Confidence interval	
					Lower	Upper
SSSCL 01	0.530	0.055	9.639	< .001	0.423	0.633
SSSCL 02	0.573	0.055	10.411	< .001	0.454	0.671
SSSCL 03	0.445	0.046	9.740	< .001	0.356	0.539
SSSCL 04	0.487	0.051	9.123	< .001	0.361	0.559
SSSCL 05	0.822	0.049	16.917	< .001	0.726	0.907
SSSCL 06	0.777	0.040	19.447	< .001	0.695	0.851
SSSCL 07	0.537	0.049	10.868	< .001	0.434	0.630
SSSCL 08	0.825	0.046	13.540	< .001	0.535	0.717
SSSCL 09	0.613	0.043	14.369	< .001	0.530	0.701
SSSCL 10	0.825	0.038	21.436	< .001	0.743	0.899
SSSCL 11	0.730	0.047	15.532	< .001	0.629	0.818
SSSCL 12	0.573	0.050	11.541	< .001	0.470	0.669
SSSCL 13	0.882	0.032	27.738	< .001	0.813	0.938

Path diagram

Path diagram



Model fit

	AIC	BIC	n(Observations)	n(Parameters)			Baseline test		
				Total	Free	y ²	df	p	
2nd Order			500	31	28	129.837	63.000	< .001	

Note. Information matrix is expected. The AIC, BIC and additional information criteria are only available with ML-type estimators.

Warning: estimator "DWLS" is not recommended for continuous data. Did you forget to set the ordered argument?

Additional Fit Measures

Fit indices

Index	Value
Comparative Fit Index (CFI)	0.977
Tucker-Lewis Index (TLI)	0.972
Bentler-Bonett Non-normed Fit Index (NNFI)	0.972
Bentler-Bonett Normed Fit Index (NFI)	0.957
Paragon Normed Fit Index (PNFI)	0.773
Bollen's Relative Fit Index (RFI)	0.947
Bollen's Incremental Fit Index (IFI)	0.977
Relative Noncentrality Index (RNI)	0.977
Root mean square error of approximation (RMSEA)	0.046
RMSEA 90% CI lower bound	0.035
RMSEA 90% CI upper bound	0.057
RMSEA p-value	0.762
Standardized root mean square residual (SRMR)	0.054
Hosmer's critical N (α = .05)	318.182
Hosmer's critical N (α = .01)	354.621
Goodness of fit index (GFI)	0.976
McDonald fit index (MFI)	0.935
Expected cross validation index (ECVI)	0.384

T-size fit indices

	CFI	RMSEA
Estimate	0.959	0.057
Poor-fair limit	0.865	0.090
Fair-good limit	0.926	0.061

Note. T-size statistics are computed for α = 0.05.

Average variance extracted

Latent	AVE
Satyfakcja	0.203
Pewność siebie	0.058

Reliability

	Coefficient α	Coefficient ω
Satyfakcja	0.787	0.364
Pewność siebie	0.776	0.167
total	0.839	0.266

Heterotrait-monotrait ratio

Satyfakcja	Pewność siebie	Wynik ogólny
1.000		
0.634	1.000	
1.149	1.125	1.000

Parameter Estimates

Factor Loadings

Latent	Indicator	Std. estimate	Std. error	z-value	p	95% Confidence interval	
						Lower	Upper
Pewność siebie	SSSCL 06 lambda_2_1	0.472	0.043	11.096	< .001	0.384	0.552
	SSSCL 07 lambda_2_2	0.680	0.037	18.388	< .001	0.596	0.744
	SSSCL 08 lambda_2_3	0.612	0.038	16.308	< .001	0.540	0.687
	SSSCL 09 lambda_2_4	0.622	0.035	17.767	< .001	0.548	0.685
	SSSCL 10 lambda_2_5	0.419	0.046	9.156	< .001	0.330	0.511
	SSSCL 11 lambda_2_6	0.520	0.045	11.510	< .001	0.429	0.607
	SSSCL 12 lambda_2_7	0.654	0.036	18.009	< .001	0.581	0.726
	SSSCL 13 lambda_2_8	0.343	0.048	7.206	< .001	0.253	0.443
	Satyfakcja SSSCL 01 lambda_1_1	0.685	0.042	16.484	< .001	0.595	0.765
	SSSCL 02 lambda_1_2	0.654	0.045	14.540	< .001	0.560	0.737
Wynik ogólny	SSSCL 03 lambda_1_3	0.745	0.022	22.264	< .001	0.671	0.799
	SSSCL 04 lambda_1_4	0.730	0.033	21.882	< .001	0.664	0.793
	SSSCL 05 lambda_1_5	0.422	0.058	7.301	< .001	0.315	0.542
	Satyfakcja Pewność siebie	0.803	0.040	20.074	< .001	0.725	0.889
		0.862	0.054	15.991	< .001	0.762	0.975

Factor variances

Variable	Std. estimate	Std. Error	z-value	p	95% Confidence interval	
					Lower	Upper
Satyfakcja	0.355	0.065	5.466	< .001	0.210	0.475
Pewność siebie	0.256	0.093	2.750	.006	0.049	0.419
Wynik ogólny	1.000	0.000			1.000	1.000

Residual variances

Variable	Std. estimate	Std. Error	z-value	p	95% Confidence interval	
					Lower	Upper
SSSCL 01	0.530	0.057	9.308	< .001	0.415	0.646
SSSCL 02	0.573	0.058	9.899	< .001	0.457	0.687
SSSCL 03	0.445	0.048	9.325	< .001	0.362	0.550
SSSCL 04	0.467	0.048	9.669	< .001	0.370	0.559
SSSCL 05	0.822	0.050	16.582	< .001	0.706	0.901
SSSCL 06	0.777	0.040	19.310	< .001	0.695	0.853
SSSCL 07	0.537	0.050	10.767	< .001	0.446	0.645
SSSCL 08	0.625	0.046	13.664	< .001	0.528	0.708
SSSCL 09	0.613	0.043	14.183	< .001	0.530	0.699
SSSCL 10	0.825	0.038	21.751	< .001	0.738	0.891
SSSCL 11	0.730	0.046	15.731	< .001	0.631	0.816
SSSCL 12	0.573	0.047	12.119	< .001	0.472	0.662
SSSCL 13	0.882	0.033	26.765	< .001	0.804	0.936

Path diagram

Path diagram

