

Videm V, Hoff M, Liff MH: Use of the Behavioral Regulation in Exercise Questionnaire-2 to assess motivation for physical activity in persons with rheumatoid arthritis – an observational study  
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## Online Resource 2: Common fit indices for structural equation models<sup>a,b</sup>

Fit index	Abbreviation	Explanation	Indication of fit
Chi square test		Overall fit compared to model with no correlations	$p > 0.05$ : good fit, but too sensitive in large studies
Root Mean Squared Error of Approximation	RMSEA	Compares observed covariance matrix and model covariance matrix, adjusts for model complexity and sample size	$p = 0.05 - 0.08$ : good fit $p < 0.05$ : excellent fit
Tucker Lewis Index	TLI	Compares model to model with no correlations, adjusts for model complexity	$\geq 0.90$ : good fit $> 0.95$ : excellent fit
Comparative Fit Index	CFI	Compares model to model with no correlations, adjusts for model degrees of freedom	$\geq 0.90$ : good fit $> 0.95$ : excellent fit
Standardized Root Mean Square Residual	SRMR	Evaluates residuals between observed data and model	$\leq 0.10$ : good fit

<sup>a</sup> Mehmetoglu M, Jakobsen TG (2017) Applied statistics using Stata. A guide for the social sciences. Sage Publications, pp 305-309

<sup>b</sup> Baldwin SA (2019) Psychological statistics and psychometrics using Stata. Stata Press, pp 392-395