

# Validation study of the Self-Determination Theory Motivation Measures for Diabetes. Adaptation to the Hungarian population in Transylvania, Romania

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## Abstract

Given the lack of specific tools for assessing motivation for the diabetic population in Transylvania, the objective of the study is to verify the validity and reliability of Self-Determination Theory Questionnaire Packet for Diabetes to the Hungarian population in Transylvania, Romania. To achieve the reliability and validity of the questionnaire a total of 305 subjects with diabetes completed the questionnaire diabetic participants. An exploratory and confirmatory factor analysis was conducted. Internal consistency of the subscales was calculated, using Cronbach's alphas. The Cronbach's alpha for the TSRQ subscales and the perceived competence and the health care climate scales also showed very good reliabilities in Hungarian (TSRQ autonomy subscale  $\alpha = 0.82$  and  $\alpha = 0.92$  at controlled regulation subscale; PCDS  $\alpha = 0.87$ ; HCCQ  $\alpha = 0.85$ ). The psychometric properties of the scales in Hungarian are very good, and replicate those in English.

## Keywords

diabetes, autonomy, competence, relatedness, instrumental study