Reliability, Validity, and Factor Structure of Experiences in Close Relationships –Revised-Scale for use with children and adolescents (ECR-RS)

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Abstract

Introduction: The investigation of attachment processes during middle childhood and early adolescence has been hampered by a relative lack of measures for this age group.

The aim of this study was investigating the psychometric properties of Experiences in Close Relationships Revise-Scale for use with children and adolescents (ECR-RC). It is a self-report questionnaire for measuring attachment anxiety and avoidance.

Method: Sample size of ٤٣٠ students was selected by stratified multistage cluster sampling in Tehran. Attachment Security Scale (ASS) was implemented to calculate the divergent validity of ECR-RC.

Results: Results of factor analyze indicated that two factor model of ECR-RC fit in Iranian sample in each relational domain (Mother-Father). Cronbach's alpha coefficient of ECR-RC was above ٠.٨٠ and the limit was satisfactory. Furthermore the test-retest reliability of ECR-RC over a four week period was more than ٠,٦٩. Correlation coefficient analysis showed that ECR-RC has a significant negative relationship with ASS which shows the divergent validity.

Conclusion: Factor structure, reliability and validity of the ECR-RC for research applications and clinical diagnostics were within acceptable limits. It's can be said that ECR-RC is useful and reliable tool for attachment researches in different domain of relationship.

Keywords: "Children", "Adolescent", "Factor analysis", "Validity", "Reliability"