

# The Validity and Reliability Construct Skills Assessments Skill in Korfball by Using Exploratory Factor Analysis and Confirmatory Factor Analysis

by Budi Aryanto, Awan Hariono, Cukup Pahalawidi

ABSTRACT

**The Validity and Reliability Construct Skills Assessments Skill in Korfball by Using Exploratory Factor Analysis and Confirmatory Factor Analysis**

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**Abstract** This research aims to develop the construct validity and construct reliability of korfbal-playing skill assessment. This research and development applied the modified development model of Strand & Wilson. The performance control sheets were used as the main instrument to observe the korfbal-playing skills. The data were analyzed using the Exploratory Factor Analysis (EFA) technique, which is prolonged by the Confirmatory Factor Analysis (CFA) technique to make a good instrument for performing korfbal-playing skills observation.

The result of this research shows that the instrument which used to measure korfbal-playing skill is considered valid, reliable, and meets the criteria of a good instrument which shows that the developed assessment model is fit to the actual data.

**Keywords:** *assessment, korfbal-playing skills, EFA, CFA*

**Kata Kunci:** *assessment, korfbal-playing skills, EFA, CFA*