PSYCHOMETRIC PROPERTIES OF THE ARABIC VERSION OF WOODCOCK JOHNSON COGNITIVE (WJ III) IN JORDAN

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ABSTRACT_ *The aim of this study was to extract the psychometric properties of the Arabic Version of Woodcock-Johnson Cognitive (WJ III) in Jordan. The study was applied on (220) examinees chosen from six elementary school and six secondary schools from the first, second and third Directorates of Education in Amman. To achieve the purposes of this study, the Jordanian version scale was applied in its ten tests, consisting of (400) items on study participants. The scale was tested and the coefficient items difficulty, coefficient discrimination and reliability were extracted.*

The results of factor analysis for the scale in its ten tests indicated that these tests were uni-dimensional. The scale also enjoyed accepted concurrent validity for the scale was acceptable. The results also indicated that there was a significant positive correlation between participants' performance on cognitive tests, except for picture vocabulary and visual matching and their academic achievement in Arabic language, mathematics and general science. Construct validity for the scale was ensured.

The results indicated that there was a significant statistical positive correlation between participants performance on cognitive ability tests and also showed that there was a significant statistical positive correlation between the main and sub factors of Cattell, Horn and Carol theory according to the examinees performance on cognitive ability tests. The results of the study proved the model of Cattell, Horn and Carol theory measure cognitive ability.

According to these findings, the study presented a series of recommendations, the main recommendation being: Carry out further studies to derive norms for the developed Arabic version of the Woodcock-Johnson Cognitive (WJ III) in Jordan.

KEYWORDS: *Woodcock-Johnson; Cognitive Abilities; Intelligence Tests.*