



The Woodcock-Muñoz Foundation

RESEARCH BRIEF

DOCTORAL DISSERTATION ABSTRACT

THE DISCRIMINATIVE UTILITY OF THE CLINICAL CLUSTERS OF THE WOODCOCK- JOHNSON COGNITIVE THIRD EDITION IN IDENTIFYING CHILDREN WITH ADHD

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The Woodcock-Muñoz Foundation (WMF) is a private non-profit operating foundation that supports the advancement of contemporary cognitive assessment practices. The Doctoral Dissertation Abstract Project is part of the Foundation's efforts to disseminate research findings that bridge the theory-to-practice gap in cognitive assessment.

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Abstract

The utility of the clinical clusters of the third edition of the Woodcock Johnson Cognitive test (Woodcock, McGrew, & Mather, 2001) in predicting attention disorders in school-aged children was examined. The participants were 26 children diagnosed with attention deficit/hyperactivity disorder (ADHD) and 26 normal children who were matched on demographic information obtained from the standardization sample of the WJ III COG. The children were between the ages of 5 and 12 years-old. Groups did not differ significantly by age, sex, mother's educational level, father's educational level, or race.

A discriminant function analysis indicated that the WJ III COG (2001) clinical clusters provided accurate diagnosis 72.4% of the time, while the WJ III COG tests offered a correct classification 87.2% of the time. The Auditory Attention, Auditory Working Memory, and Rapid Picture Naming tests were the three most useful in predicting group membership.

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