



The Woodcock-Muñoz Foundation

RESEARCH BRIEF

DOCTORAL DISSERTATION ABSTRACT

The Correlation between Wechsler Adult Intelligence Scale III and Woodcock-Johnson III Cognitive Abilities and WJ III Achievement for College Students: Which is a better predictor of reading achievement?

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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 present study is intended to examine whether the Wechsler Adult Intelligence Scale III or Woodcock-Johnson III Cognitive Abilities would better predict reading achievement on the WJ III Achievement in the college student population. Participants included 29 college students attending a university in the Midwest, being evaluated for a learning disability or academic accommodations. Data were analyzed using Pearson r correlation, Fisher z , and t -test for each intelligence test in comparison to achievement subtests. Results from this study indicated that both IQ scores obtained from the WAISIII and the WJ-III COG correlated with reading significantly, but not highly enough to be construed as achievement tests due to only moderate correlations. Considering the results of this study an examiner may choose either instrument to use when assessing intelligence. Limitations to this study are presented.

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