

Review of: "The Intelligence of Nations. National IQs and Correlates"

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Potential competing interests: No potential competing interests to declare.

This is an interesting paper. I think the author needs to inform the reader what specific measure of intelligence was used to compare these different groups. I see there was mention, and a link, to studies using the Raven. However, it is not clear to me if that instrument was also used for the majority of data collection across all countries or if the Wechsler scales were used (or another measure?). This information would be important to share as scales like the Wechsler, and similar scales, require knowledge and many items may be culturally bound. Use of a measure that has been proven to be non-biased and equitable for different groups may lead to different results. As a rule, measures of intelligence that require knowledge do correlate with academic achievement because academic achievement and experience with the content (knowledge) is required in order to score well. This can be considered a form of content contamination, and therefore the observed correlation is perhaps somewhat inflated. I suggest this be discussed in the article a bit. I understand this is population data, but as a clinician who administers literally 100 IQ tests a year, I see first hand the impact of not using measures that are fair and equitable.

Suggested resources to review:

Dombrowski, S. C., McGill, R. J., Watkins, M. W., Canivez, G. L., Pritchard, A. E., & Jacobson, L. A. (2022). Will the real theoretical structure of the WISC-V please stand up? Implications for clinical interpretation. *Contemporary School Psychology*, 26, 492-503. <https://doi.org/10.1007/s40688-021-00365-6>

Georgiou, G.K., Guo, K., Naveenkumar, N., Vieira, A.P.A., & Das, J.P. (2020). PASS theory of intelligence and academic achievement: A meta-analytic review. *Intelligence*, 79, 101431.

Canivez, G.L., Watkins, M.W., & Dombrowski, S.C. (2017). Structural Validity of the Wechsler Intelligence Scale for Children-Fifth Edition: Confirmatory Factor Analyses With the 16 Primary and Secondary Subtests. *Psychological Assessment*, 29(4), 458–472. <https://doi.org/10.1037/pas0000358>

<https://www.apadivisions.org/division-5/publications/score/2020/04/intelligence-tests>