

Accepted Manuscript

Title: Meta-analysis of associations between human brain volume and intelligence differences: How strong are they and what do they mean?

Author: Jakob Pietschnig Lars Penke Jelte M. Wicherts
Michael Zeiler Martin Voracek



PII: S0149-7634(15)00250-X
DOI: <http://dx.doi.org/doi:10.1016/j.neubiorev.2015.09.017>
Reference: NBR 2277

To appear in:

Received date: 5-5-2015
Revised date: 7-9-2015
Accepted date: 30-9-2015

Please cite this article as: Pietschnig, J., Penke, L., Wicherts, J.M., Zeiler, M., Voracek, M., Meta-analysis of associations between human brain volume and intelligence differences: How strong are they and what do they mean?, *Neuroscience and Biobehavioral Reviews* (2015), <http://dx.doi.org/10.1016/j.neubiorev.2015.09.017>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Research highlights:

- In vivo brain size correlates with IQ
- Effects of 148 mixed-sex healthy and patient-based samples (>8,000 individuals)
- The effect generalizes over age, intelligence domain, sample type, and sex
- Previous effect sizes were inflated due to reporting bias
- Brain size is not a necessary cause for human IQ differences

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/7303347>

Download Persian Version:

<https://daneshyari.com/article/7303347>

[Daneshyari.com](https://daneshyari.com)