

Retraction of “Generative Artificial Intelligence Reliance and Executive Function Attenuation: Behavioral Evidence of Cognitive Offload in High-Use Adults” by Baldeo (2026)

The following article is being retracted: Baldeo, S. (2026). Generative artificial intelligence reliance and executive function attenuation: Behavioral evidence of cognitive offload in high-use adults. *Technology, Mind, and Behavior*. Advance online publication. <https://doi.org/10.1037/tmb0000191>.

Following publication of this article, a reader flagged potential mathematical inconsistencies in reported statistics, discrepancies were identified between the published paper and the methodology subsequently described by the author, and there were internal inconsistencies in the operationalization of two of the four primary metrics. The author and the approving research ethics body, ID Quotient Advisory Group, stated that the requested transfer of both anonymized participant-level materials and analytic syntax was not authorized under the participant-consent and Canadian REB framework governing the study either publicly or under a data-use agreement. The editor determined that without access to those materials, the reported findings could not be verified to the journal's satisfaction. The author agrees with this retraction but for different reasons than those stated here. Separately, Middlesex University, one of the author's submitted institutional affiliations, formally indicated that the research was not approved, conducted, or supervised by the University, and requested withdrawal of its affiliation from the article.

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