

Time estimation ability predicts mathematical intelligence

December 7 2011

Being good at estimating time can be a useful skill on its own, but it may also indicate higher mathematical intelligence as well, according to a new study published in the Dec. 7 issue of the online journal *PLoS ONE*.

A test of 202 students, evenly divided between males and females, revealed that those subjects who were better at estimating the durations of a series of short tones were also more likely to correctly answer various mathematical questions relative to their more poorly estimating counterparts.

This correlation was not seen with a general [intelligence test](#), suggesting that time estimation is specifically related to mathematical intelligence.

The authors, led by Peter Kramer of the University of Padua in Italy, conclude that this relationship is likely due to a common reliance on [spatial ability](#). "Encouraging this tendency might help improve mathematical intelligence and satisfy one of modern society's greatest needs", says Dr. Kramer.

More information: Kramer P, Bressan P, Grassi M (2011) Time Estimation Predicts Mathematical Intelligence. *PLoS ONE* 6(12): e28621. [doi:10.1371/journal.pone.0028621](https://doi.org/10.1371/journal.pone.0028621)

Provided by Public Library of Science

Citation: Time estimation ability predicts mathematical intelligence (2011, December 7)
retrieved 15 July 2023 from <https://medicalxpress.com/news/2011-12-ability-mathematical-intelligence.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.