

# Methods in most prediction studies do not follow guidelines

May 22 2012

---

In this week's *PLoS Medicine*, Walter Bouwmeester of the University Medical Center Utrecht, the Netherlands and colleagues investigate the reporting and methods of prediction studies in 2008 in six top international general medical journals. The authors' findings reveal that the majority of prediction studies do not follow current methodological recommendations.

The authors state: "We identified poor reporting and poor methods in many published prediction studies, which limits the reliability and applicability of the published findings... Only a very small minority of the papers involved the most useful approaches in predicting participant clinical outcomes, namely, external validations or impact assessments of a previously developed prediction model."

**More information:** Bouwmeester W, Zuithoff NPA, Mallett S, Geerlings MI, Vergouwe Y, et al. (2012) Reporting and Methods in Clinical Prediction Research: A Systematic Review. *PLoS Med* 9(5): e1001221. [doi:10.1371/journal.pmed.1001221](https://doi.org/10.1371/journal.pmed.1001221)

Provided by Public Library of Science

Citation: Methods in most prediction studies do not follow guidelines (2012, May 22) retrieved 23 April 2024 from <https://medicalxpress.com/news/2012-05-methods-guidelines.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.