

# Review of: "Deming Regression: Least-Squares Analysis with Errors in Both X and Y Data, and a Simple Spreadsheet Implementation"

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**Potential competing interests:** No potential competing interests to declare.

The paper effectively introduces Deming Regression as a solution for handling errors in both X and Y, supported by a practical Excel implementation. However, it has notable gaps:

1. The reliance on an accurate error variance ratio is inadequately addressed.
2. The method's sensitivity to outliers is not considered.
3. The Excel file is poorly organized, limiting scalability and usability.
4. The lack of real-world case studies, robust comparisons with alternative methods, and multivariate extensions further weakens its practical impact.

Enhancing the structure of the analysis and improving the visualizations, further including examples or simulations, would significantly improve the paper's utility and accessibility.