

FeedbackWriter — Randomised Trial of AI-Mediated Feedback for Teaching Assistants at the University of Michigan

AI in Education · Good practice · United States of America

Quality score: 53/100

Evidence strength: Randomised controlled trial

Summary

A CHI 2026 randomised trial at the University of Michigan found AI-drafted feedback, reviewed by teaching assistants, improved 354 economics students' essay revisions by an effect comparable to moving from the 50th to 70th percentile; TAs kept final control.

Key dimensions

Dimension	Score
Evidence of learning impact	3/3
Equity & inclusion	0/3
Transparency, ethics & data protection	2/3
Teacher capability & pedagogy	2/3
Scalability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-15

[University of Michigan](#) — accessed 2026-08-15

[arXiv preprint: AI-Mediated Feedback Improves Student Revisions](#) — accessed 2026-08-15

[Phys.org: AI helps instructors give better feedback but can't replace them](#) — accessed 2026-08-15

[University of Michigan News coverage](#) — accessed 2026-08-15

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