LLM-Generated Learning Support Messages at Anadolu University — A 28,833-Learner RCT Finds Small Gains, Low Uptake

AI in Education · Good practice · Türkiye

Quality score: 53/100

Evidence strength: Moderate

Summary

An RCT with 28,833 open-and-distance learners at Anadolu University tested personalised LLM-written support messages: course scores rose 0.60 points, but only 29% of learners engaged and final-exam scores did not move.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-11-17

Anadolu University (with Carnegie Mellon University) — accessed 2026-11-17

Springer AIED 2026 chapter — accessed 2026-11-17

Stanford SCALE repository entry — accessed 2026-11-17

Stanford SCALE November 2026 evidence review — accessed 2026-11-17

Cite this — Evidoria. *LLM-Generated Learning Support Messages at Anadolu University — A 28,833-Learner RCT Finds Small Gains, Low Uptake*. Persistent ID: 57af5557-b5b5-43cb-8217-3ff0f092cf9f.