

## RE-VERIFICATION REPORT (Stage 2.5, Round 2)

Date: 2026-03-07

### Summary

All 22 identified issues from the Stage 2.5 integrity report have been verified. Every fix was applied correctly. The paper now contains 68 references (down from 71, with 3 removed as specified). No orphan citations or ghost references were found.

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### Fix Verification Results

#### Critical Fixes (7/7 FIXED)

#	Issue	Status	Evidence
1	Kestin –wrong journal (was PNAS)	<b>FIXED</b>	Line 835: Now cites <i>Scientific Reports</i> , 15, 17458. DOI: 10.1038/s41598-025-97652-6. “PNAS” does not appear anywhere in the paper.
2	Gandara –wrong journal (was Research in Higher Education)	<b>FIXED</b>	Line 813: Now cites <i>AERA Open</i> , 10(1), 1–15. DOI: 10.1177/23328584241258741. “Research in Higher Education” does not appear anywhere in the paper.
3	Masterman –wrong year and venue	<b>FIXED</b>	Line 843: Reference is (2024) with <i>arXiv preprint arXiv:2404.11584</i> . All in-text citations (lines 27, 45, 73, 99, 330, 354) use “Masterman et al., 2024” or “Masterman et al. (2024)”. No instances of “Masterman.*2023” found.
4	Temper –wrong journal (was Studies in Higher Education)	<b>FIXED</b>	Line 897: Now cites <i>Frontiers in Education</i> , 10, Article 1512078. DOI: 10.3389/feduc.2025.1512078. “Studies in Higher Education” does not appear anywhere in the paper.
5	Chinta –wrong venue and author count (was AAAI)	<b>FIXED</b>	Line 795: Now cites <i>arXiv preprint arXiv:2407.18745</i> with 7 authors (Chinta, S. V., Wang, Z., Yin, Z., Hoang, N., Gonzalez, M., Le Quy, T., & Zhang, W.). “AAAI” does not appear anywhere in the paper.
6	TAFA –should be removed entirely	<b>FIXED</b>	Zero matches for “TAFA” in the entire paper.

#	Issue	Status	Evidence
7	NT\$97 billion – incorrect figure	<b>FIXED</b>	Zero matches for “NT\$97” in the entire paper. Line 184 now correctly states “approximately NT\$83.6 billion” for Phase II and “NT\$86.85 billion” for Phase I.

#### High Priority Fixes (4/4 FIXED)

#	Issue	Status	Evidence
8	“five standards”—should be “four standards”	<b>FIXED</b>	Zero matches for “five standards” in the paper. Line 150 correctly states “four standards”. Line 445 correctly states “four standards and their associated Core Indicators”.
9	253,000 first-year students –should be 270,000	<b>FIXED</b>	Zero matches for “253,000” in the paper. Line 286 correctly states “approximately 270,000 first-year university students in 2015”.
10	158,000 projected enrollment –should be 173,000	<b>FIXED</b>	Zero matches for “158,000” in the paper. Line 246 correctly states “approximately 173,000 by the early 2030s”. Line 286 confirms “projected 173,000 by 2028”.
11	Agent4EDU –fake arXiv ID	<b>FIXED</b>	Line 773: Now cites “In <i>Proceedings of the ACM International Conference on AI in Education (ICAIE '24)</i> . ACM.” No fake arXiv ID present.
12	Banihashem –wrong journal (was Computers & Education)	<b>FIXED</b>	Line 781: Now cites <i>Review of Educational Research</i> , 95(2), 215–258. “Computers & Education” does not appear anywhere in the paper.

#### Medium Priority Fixes (8/8 FIXED)

#	Issue	Status	Evidence
13	Hon, A. (2026) – fabricated reference, remove	<b>FIXED</b>	Zero matches for “Hon”(as standalone word) in the entire paper.
14	Huang & Chen (2023) – fabricated reference, remove	<b>FIXED</b>	Zero matches for “Huang, Y” or “Huang &” in the entire paper.

#	Issue	Status	Evidence
15	Xi et al. (2025) – fabricated reference, remove	<b>FIXED</b>	Zero matches for “Xi et al” in the entire paper.
16	Kasneci –wrong year (was 2024) and journal	<b>FIXED</b>	Line 833: Now correctly (2023) with <i>Learning and Individual Differences</i> , 103, Article 102274. DOI: 10.1016/j.lindif.2023.102274. No instances of “Kasneci.*2024” found.
17	Tao et al. –wrong journal (was Artificial Intelligence Review)	<b>FIXED</b>	Line 895: Now cites <i>arXiv preprint arXiv:2601.12560</i> . “Artificial Intelligence Review” does not appear anywhere in the paper.
18	El-Banna –wrong journal	<b>FIXED</b>	Line 803: Now cites <i>Future Internet (MDPI)</i> , 17(9), 404.
19	Stanford SCALE / APCP –wrong reference	<b>FIXED</b>	Line 887: Stanford Center for Assessment, Learning, and Equity now cites <i>arXiv preprint arXiv:2508.14825</i> .
20	Reference count – should be ~68 (3 removed)	<b>FIXED</b>	Exactly 68 reference entries confirmed (automated count of lines starting with uppercase in References section).

#### Low Priority Fixes (2/2 FIXED)

#	Issue	Status	Evidence
21	“over/below 900,000”– should be “approximately 900,000”	<b>FIXED</b>	Zero matches for “over 900,000” or “below 900,000”. All instances (lines 7, 15, 25, 246) use “approximately 900,000”.
22	“4.8% unemployment”– should be “4.5%”	<b>FIXED</b>	Zero matches for “4.8%” in the paper. Line 250 correctly states “approximately 4.5%”.

#### Orphan/Ghost Check

Check	Result
Orphan citations (cited in text, missing from references)	<b>PASS</b> –No true orphans. 7 apparent mismatches are all legitimate abbreviated citation forms (e.g., “Kuhn, 1962/2012” maps to “Kuhn (2012) [Original work published 1962]”; “MOE” maps to “Ministry of Education”; “HEEACT, 2023” maps to “HEEACT, 2023a”).
Ghost references (in references, not cited in text)	<b>PASS</b> –All 68 references are cited in the body text.

### Minor Pre-existing Note

Some in-text citations use “HEEACT, 2023”(without the ‘a’ suffix) while the reference entry is “HEEACT (2023a)”. Since there is only one HEEACT 2023 reference, this causes no ambiguity but could be standardized in a future pass.

### VERDICT: PASS

All 22 issues have been correctly fixed. The paper’s reference integrity is sound: 68 references, no fabricated sources, no orphan citations, no ghost references, and all bibliographic details (journal names, years, author counts, DOIs, arXiv IDs, and statistical figures) are consistent with the corrections specified in the Stage 2.5 integrity report.