

BACKGROUND

- The Accreditation Council for Pharmacy Education requires clear remediation policies, however guidance on structure and evaluation is lacking.¹
- The approach to and evaluation of remediation in pharmacy education is highly variable.²
- Students requiring remediation have lower pass rates on national licensure exams^{3,4} outlining the importance of evaluating remediation outcomes.
- First year pharmacy students (PY1) often encounter academic difficulty⁵; therefore, targeting PY1 students for remediation may be beneficial.
- A remediation plan based on average course exam scores for our Integrated Learning Experience (ILE) course sequence was implemented for the incoming AUHCOP 2022 PY1 class.
- Students with an exam average (two interim exams and a final) of <65% for any of the first three PY1 ILEs were required to remediate regardless of course grade.
- Remediation included creating study guides, reviewing and retaking the final exam, reflecting on performance issues, and brainstorming methods of improvement.

STUDY OBJECTIVE

To determine the impact of a first-professional year (PY1) remediation plan.

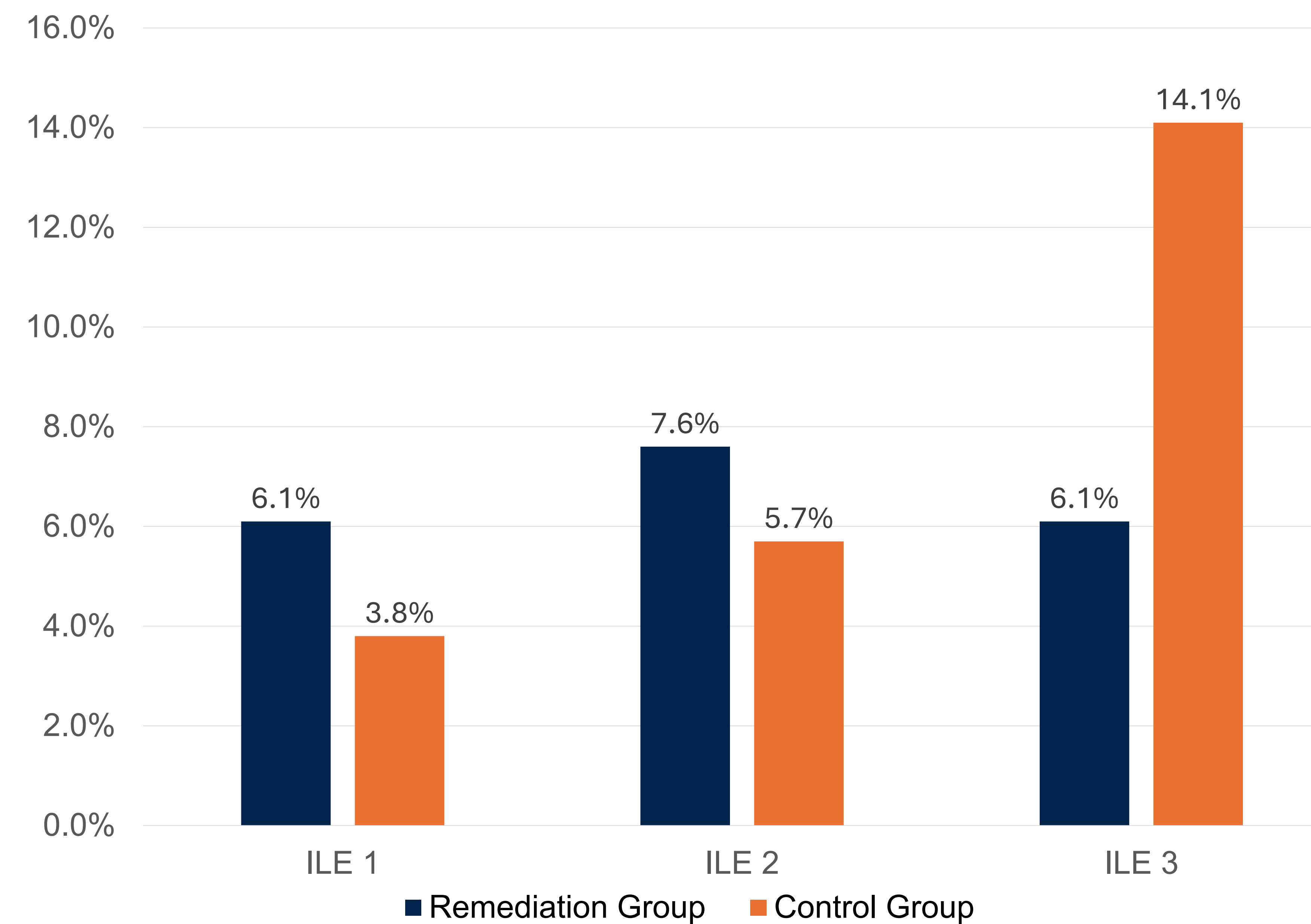
METHODS

A retrospective analysis was conducted to compare:

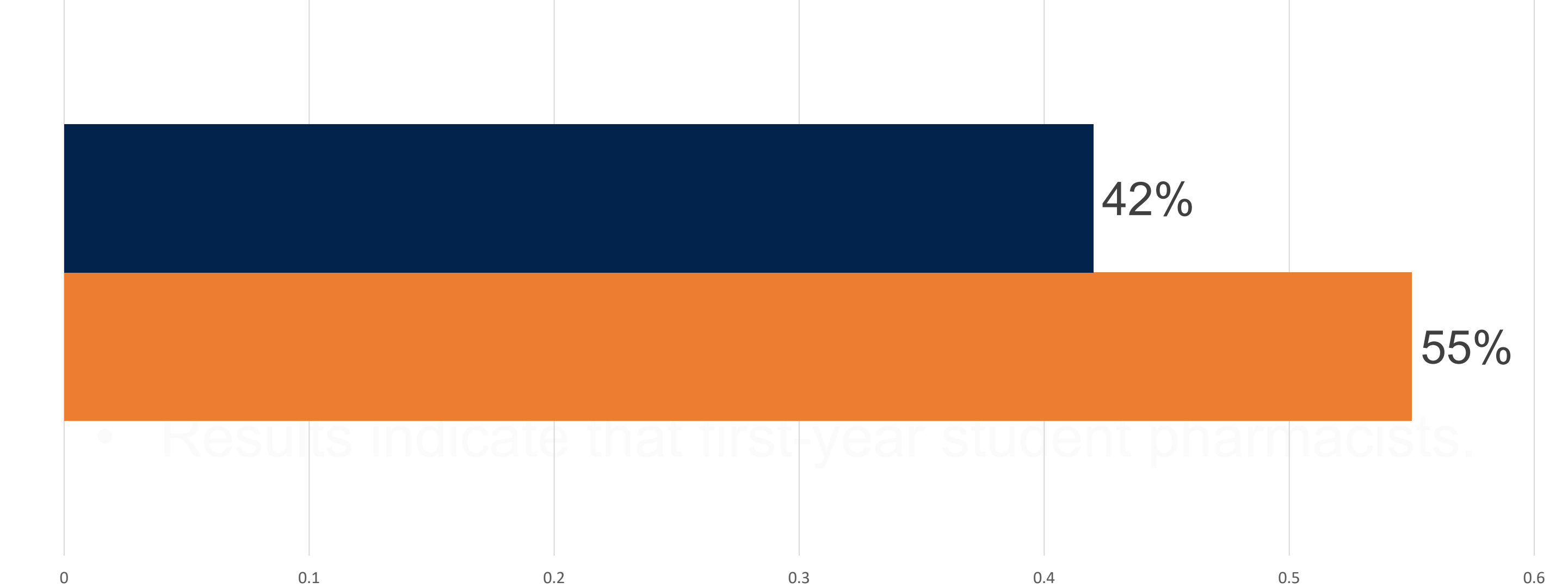
- The pre-implementation group (control group; entering 2020 and 2021 PY1 students meeting the remediation threshold for any one of the first three PY1 ILE courses) to
- The post-implementation group (remediation group; entering 2022 PY1 students completing PY1 remediation for any one of the first three PY1 ILE courses)
- Groups were compared in the following ways:
 - The overall % of PY1 students meeting the remediation threshold for PY1 courses (ILE 1-3).
 - Average exam scores for PY1 ILEs (ILE 1-3) and the first two PY2 ILEs (ILE 5-6).
 - Rates for meeting the remediation threshold for the first two PY2 courses (ILE 5-6).

RESULTS

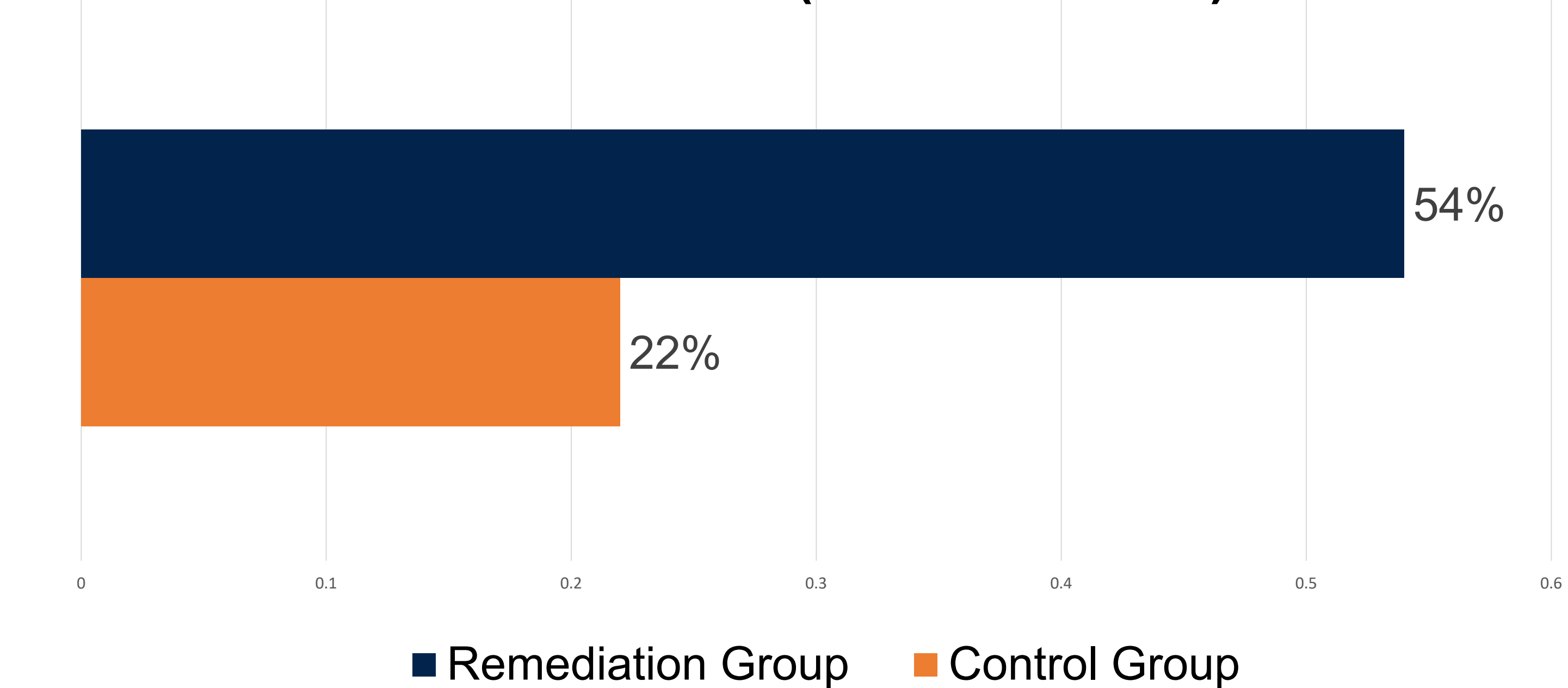
Overall % of PY1 Students Meeting the Remediation Threshold for First Three PY1 ILEs



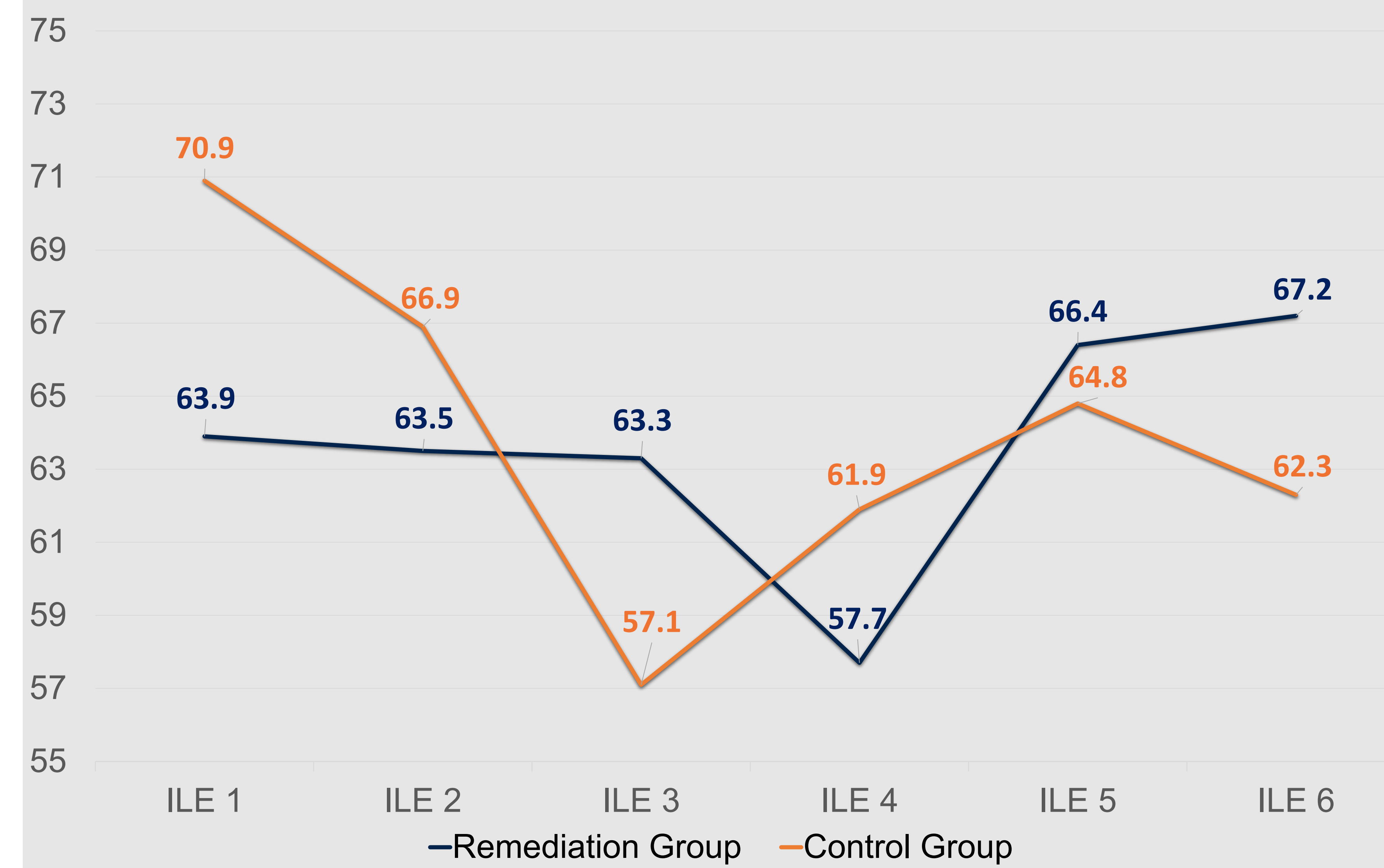
Rate of Being Below Remediation Threshold for First Two PY2 ILEs (ILE 5 and ILE 6)*



% of Students Scoring Above the Remediation Threshold for both PY2 ILEs (ILE 5 and ILE6)*



Average Exam Scores for all Four PY1 ILEs and First Two PY2 ILEs*



CONCLUSION

- After implementation of a remediation plan for the first three PY1 integrated courses (ILE 1-3) based on exam average:
 - There did not appear to be an effect on the overall % of students meeting the remediation threshold for PY1 ILEs.
 - There was not an overall benefit on PY1 ILEs average exam scores; however, there was a slight increase in average exam scores for the first two PY2 ILEs (ILE 5-6).
 - There was a suggested benefit for individual students completing PY1 remediation based on the PY2 remediation rate.

REFERENCES



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Authors have no personal or financial relationships to disclose.

*Only for students meeting the remediation threshold for at least one of the first three PY1 ILEs