

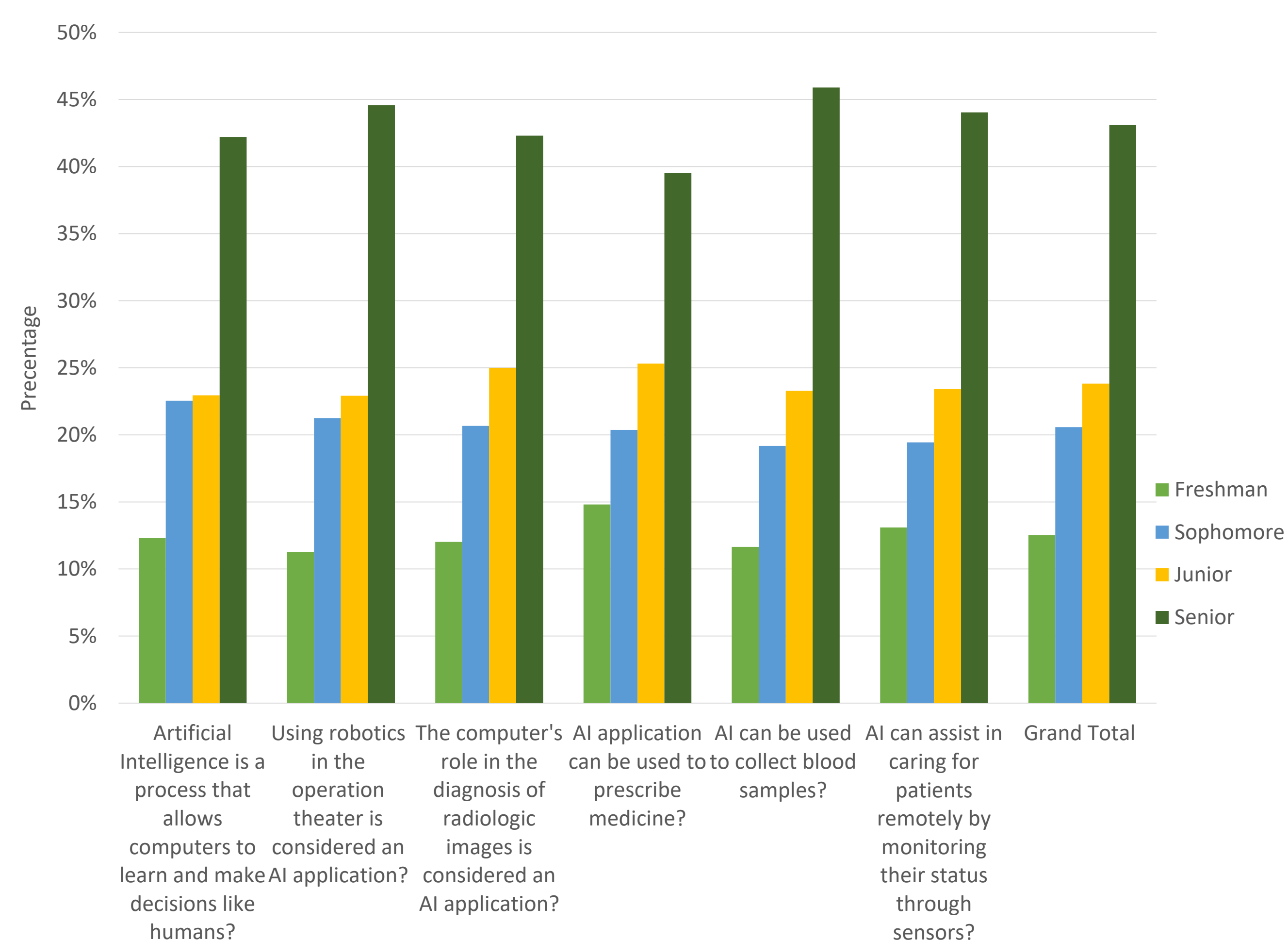
AIM

This study aims to evaluate students' knowledge, education, and perceptions of AI implementation in the healthcare fields.

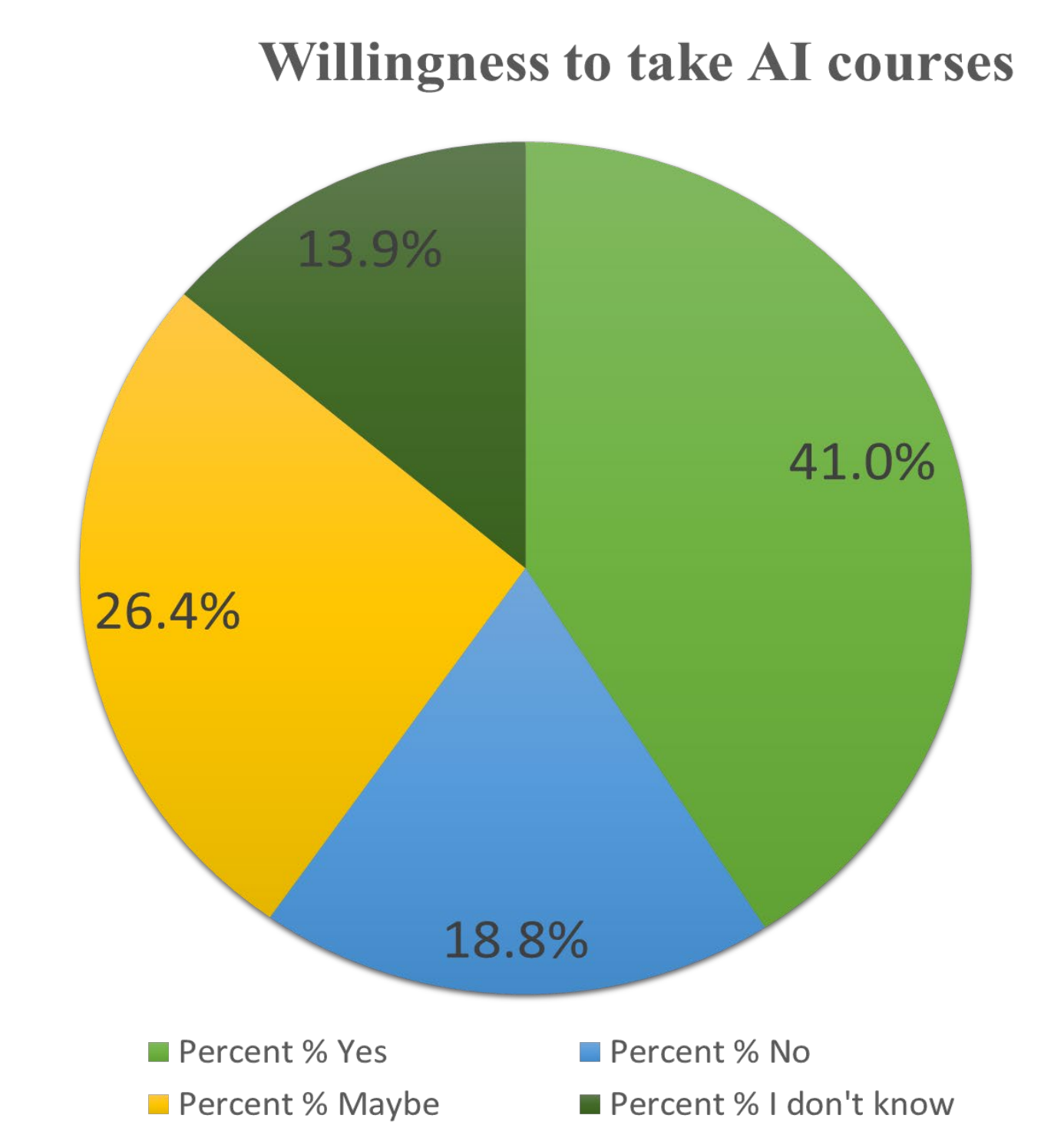
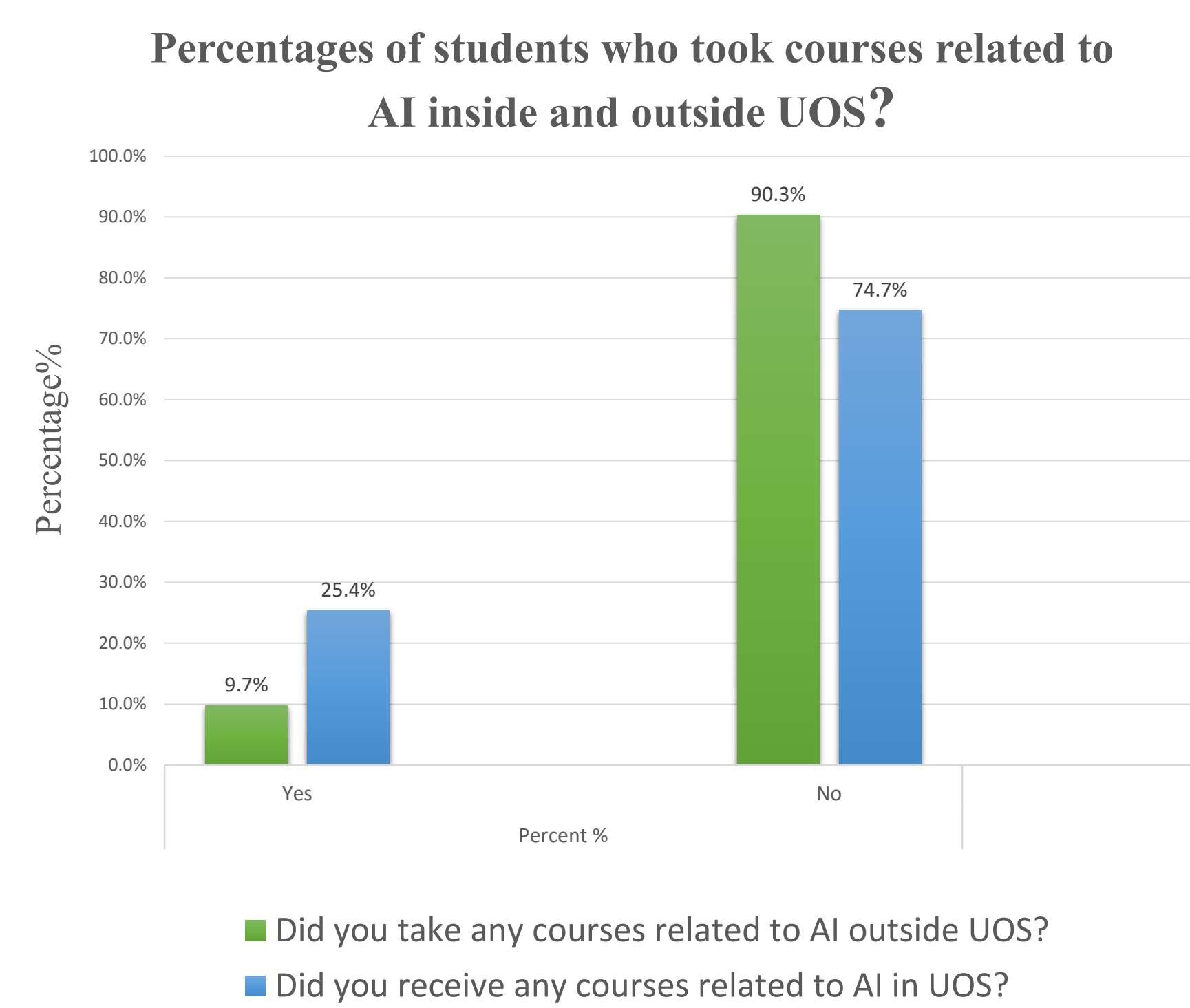
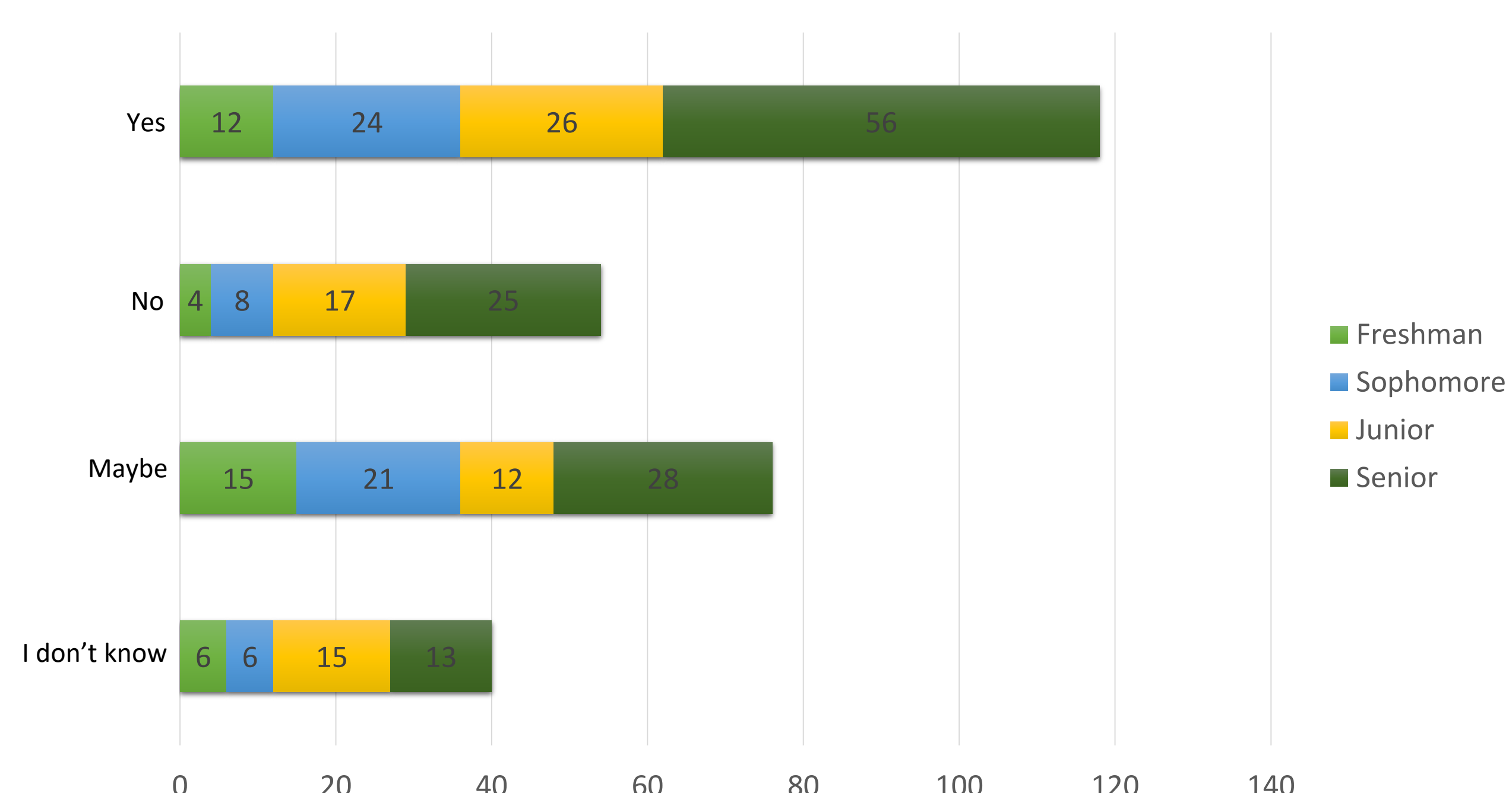
Methodology

- An online digital survey was distributed among UOS health sciences students to collect data for the report.
- A quantitative and descriptive cross-sectional approach was used to conduct the study.
- Data were acquired from students in different health sciences programs in various years in UOS

Results



If UOS adds to its curriculum some courses related to AI, are you willing to take them?



Discussion

- Available literature by Jindal and Bansal they found that most of students (62.5 %) stated that they knew something about AI and that the internet (67.4 %) was their main source of learning.
- A study by Gong et al the students showed a high level of confidence in their knowledge. Despite that, the results of the correct rate of the AI knowledge questions were poor (45.1%).
- Jindal and Bansal's survey outcomes were like this study as far as their opinions about the significance of AI in education with a notable number of 163 (57%), the students believe that AI courses are imperative in the undergraduate curriculum.
- Gong et al found in their study that investigated Canadian medical students' perceptions of the influence of AI on radiology.

Conclusion

This study reveals that, while our health science students are unfamiliar with AI and its applications in the health care area, a significant number of them are eager to learn more about AI as they believe that AI courses will be useful for their future careers which is why the present undergraduate curriculum for health sciences students needs to include AI-related courses.

References

1. Jindal A, Bansal M. Knowledge and Education about Artificial Intelligence among Medical Students from Teaching Institutions of India: A Brief Survey. MedEdPublish. 2020;9(1):1–6.
2. Gong B, Nugent JP, Guest W, Parker W, Chang PJ, Khosa F, et al. Influence of Artificial Intelligence on Canadian Medical Students' Preference for Radiology Specialty: ANational Survey Study. Acad Radiol [Internet]. 2019;26(4):566–77. Available from: <https://doi.org/10.1016/j.acra.2018.10.007>