

Tertiary Surveys - Maximising Opportunities for Better Care

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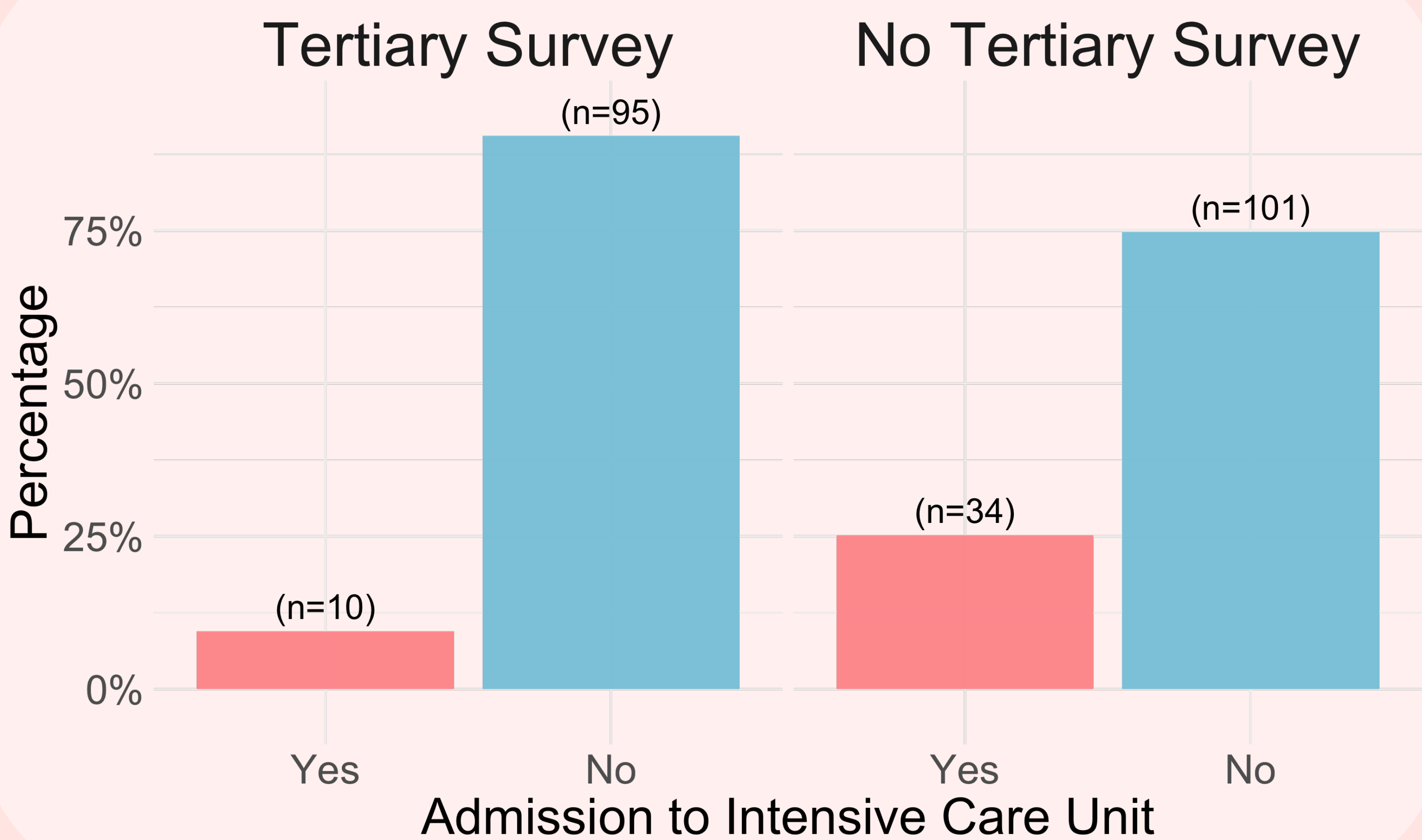
Purpose

Tertiary surveys have been shown to reduce the incidence of missed injuries in complex trauma at Auckland City Hospital (ACH). Missed injuries can impact patient treatment, long term recovery, and quality of life. However, not all patients have a tertiary survey before discharge. The present study aims to determine the demographic, process of care, and injury patterns of patients who did not receive a tertiary survey and describe barriers to getting tertiary surveys.

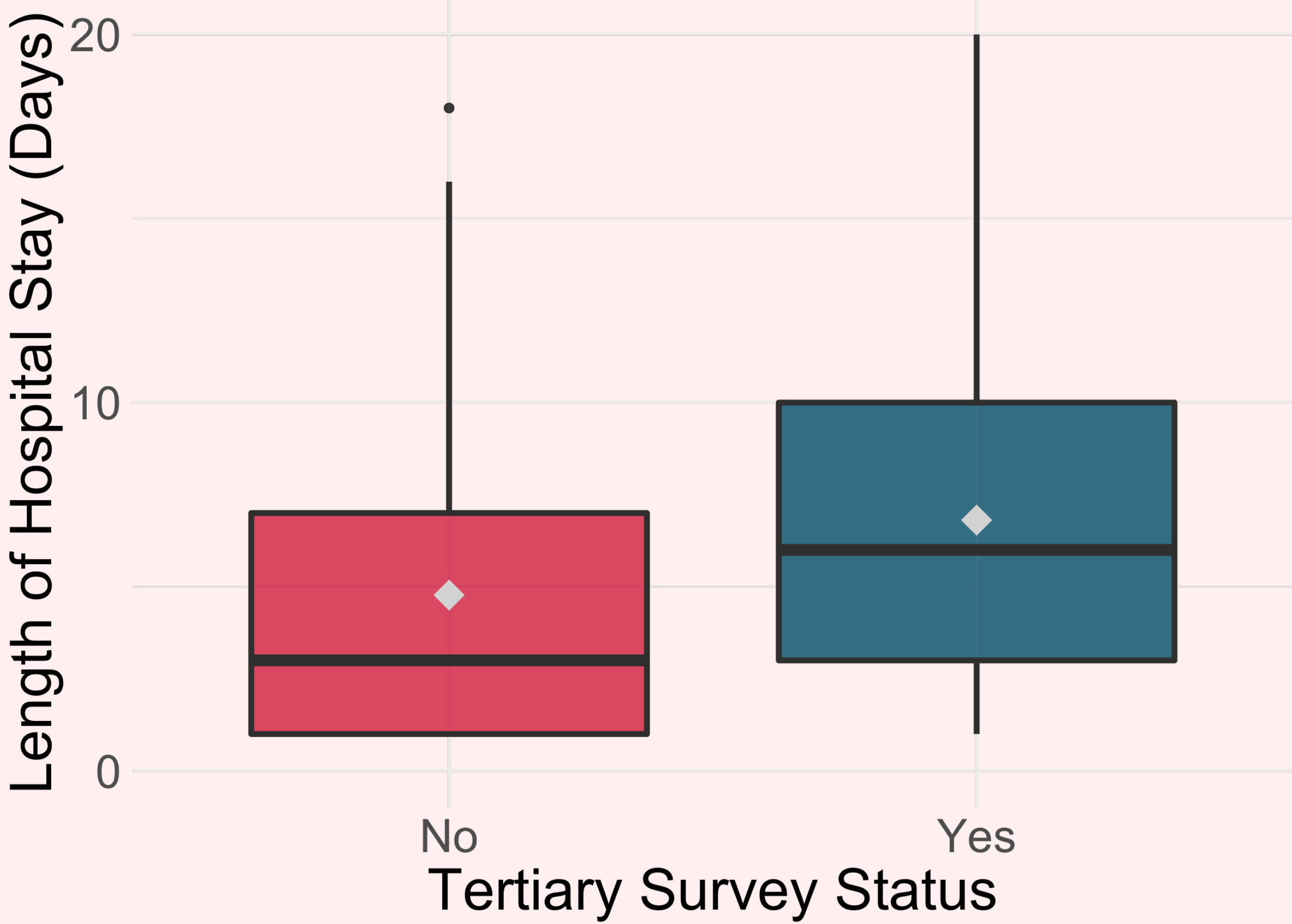
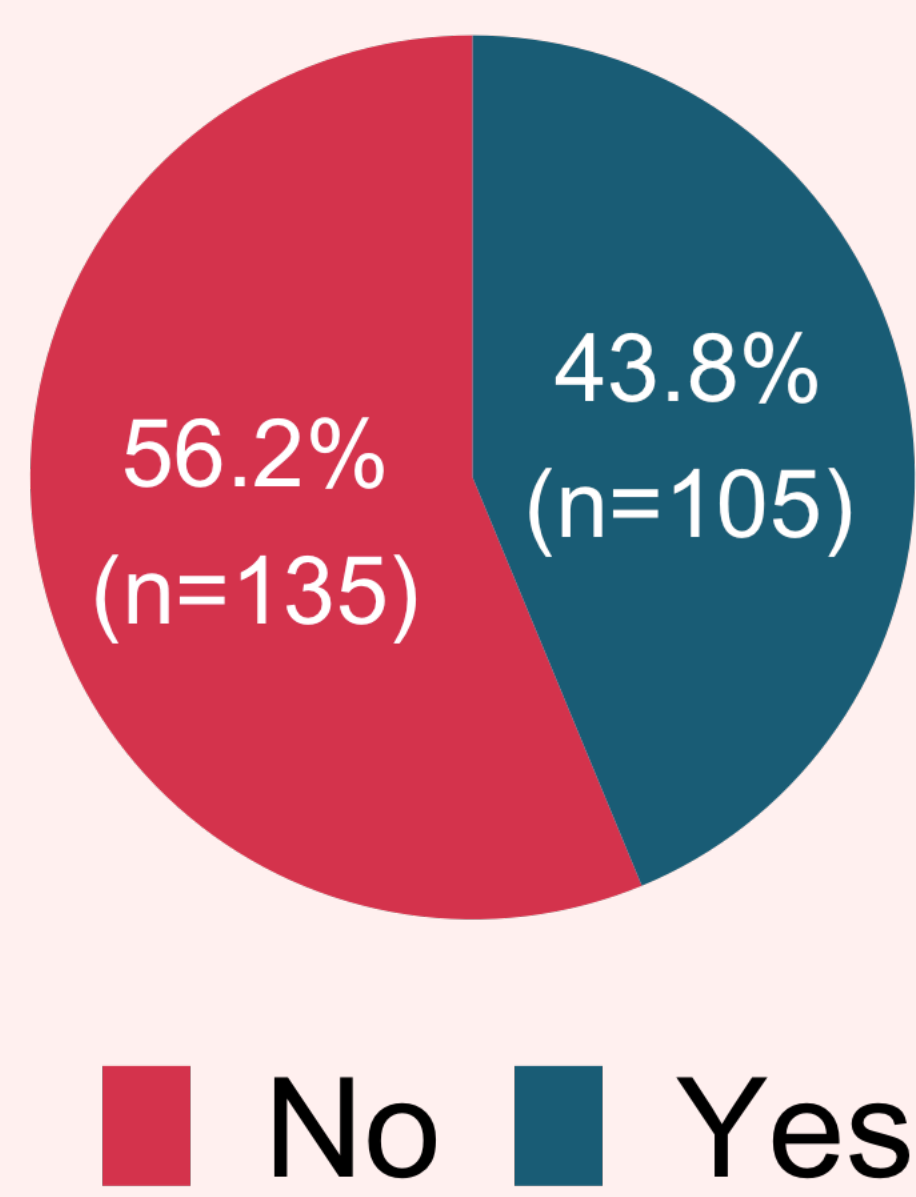
Methods

All patients admitted to ACH with blunt trauma undergoing a trauma call in a 6 month period were included. Variables including AIS, ISS, TRISS, duration of admission, and mortality were compared in R statistical software.

Results

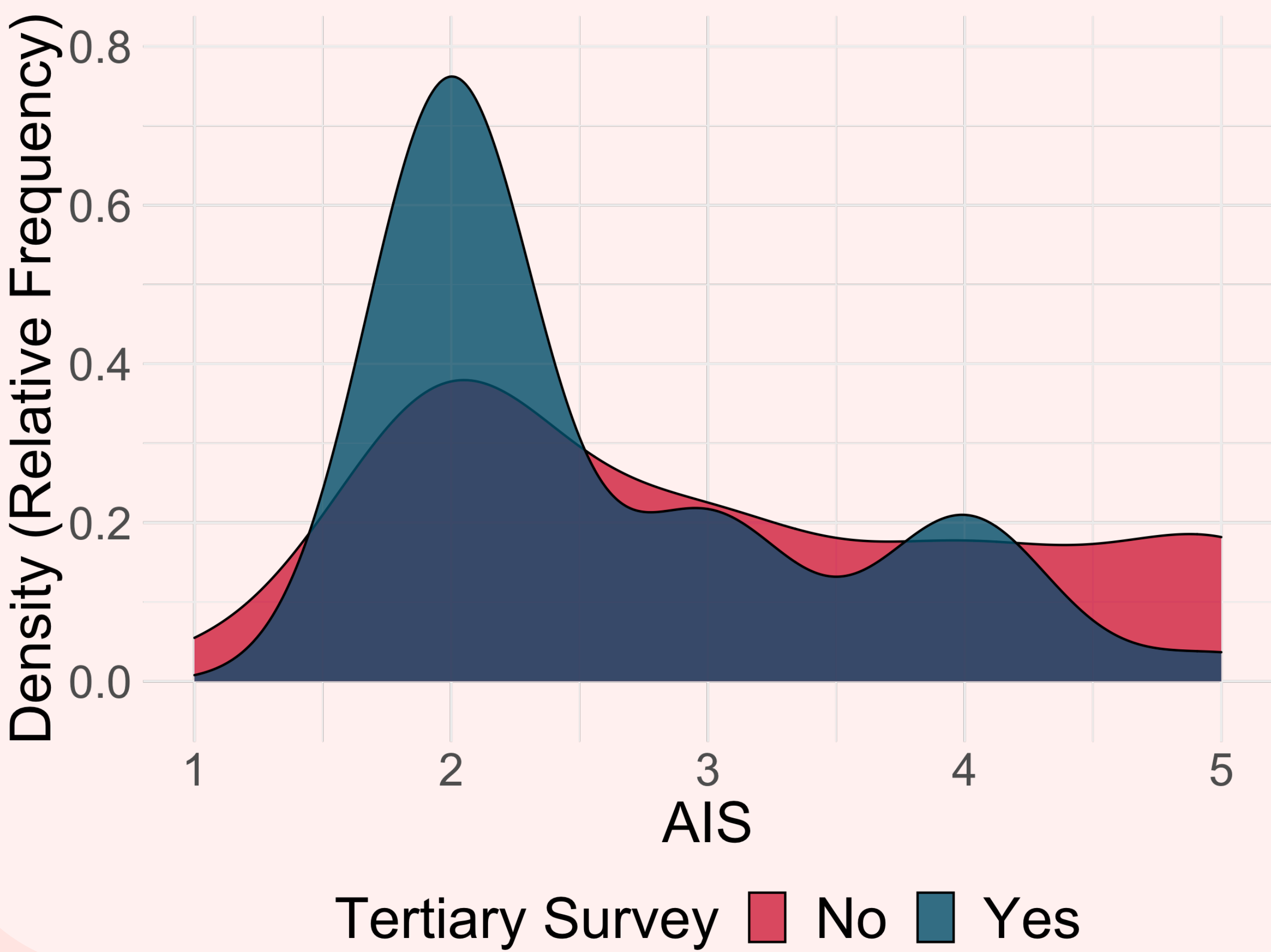
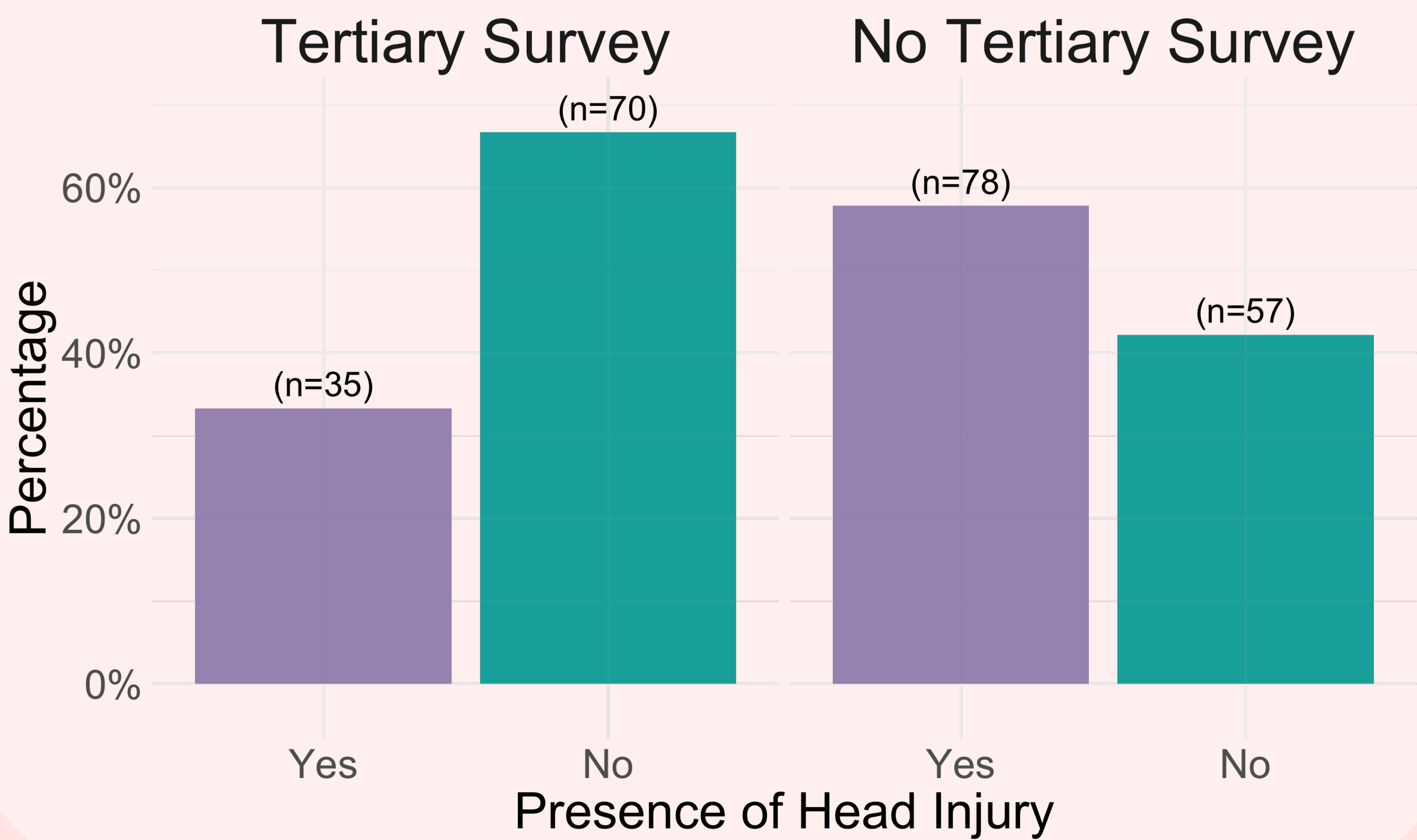


Frequency of Tertiary Survey



Who Misses out on tertiary survey?

- Significant head injury
- ICU admission
- Short Hospital Stay



Conclusions

Trauma patients with short hospital stays, significant head injuries, or ICU admissions are less likely to receive a tertiary survey and this patient population may benefit from early identification and development of processes and assessment tools to facilitate tertiary surveys to improve patient care and long-term outcomes.