

Title

Trauma Outcomes and SocioeconomicStress: Insights from the CaliforniaHealthy Places Index

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Authors

Barrera-Alvarez, Aaron
Bellini, Alyssa
Robles, Anamaria
[et al.](#)

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The data associated with this publication are not available for this reason: NA

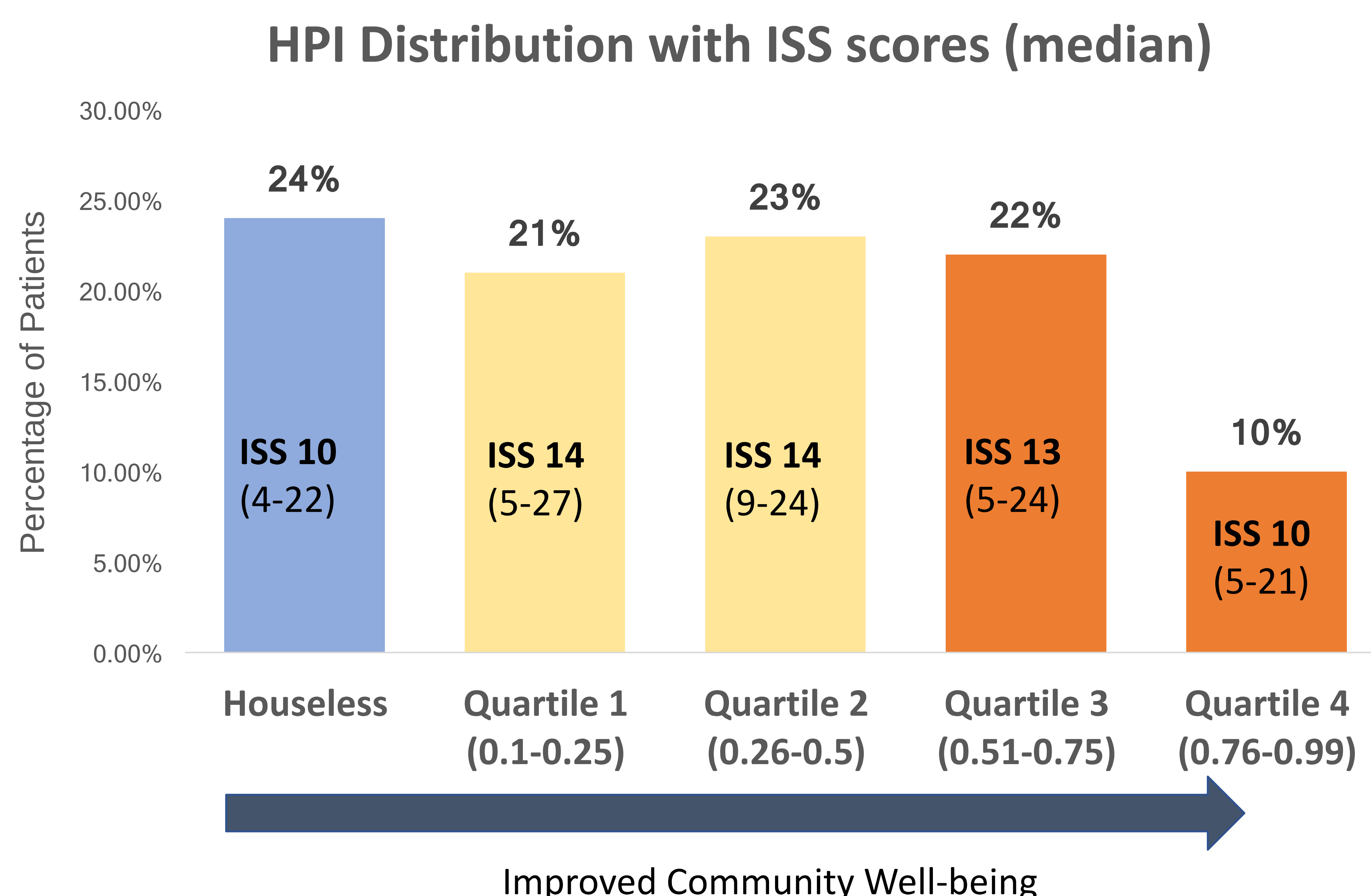
Introduction

- Socioeconomic stress is a known factor in poorer healthcare outcomes for critically injured patients
- Ideal metrics for evaluating socioeconomic risk in trauma patients remain undefined
- The California Healthy Places Index (HPI) is a composite index based on 23 factors tied to life expectancy, reflecting community well-being
- Study Goal: Investigate the relationship between HPI quartiles and outcomes in critically injured patients

Design/Sample

- Study Design: Retrospective review conducted at a single Level 1 trauma center
- Time Frame: January to November 2022
- Sample:
 - 1,191 highest-level trauma activations
 - Inclusion criteria: Age >14 years, 911 trauma activations, 5-digit zip code
 - Exclusions: Age < 14, burns > 50% TBSA, pregnant patients, admitted patients to non-trauma services

Results



Summary

- Higher HPI scores (better community well-being) were associated with:
 - Lower injury severity scores (ISS)
 - Older patient age
- Housing insecurity was linked to increased use of massive transfusion protocol (MTP) and hemorrhage control procedures

Conclusions/Further Study

- HPI is a promising tool for quantifying socioeconomic stress in trauma care
- Highlight the importance of addressing housing insecurity as a critical factor in trauma outcomes

References

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