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Title: Cyclist Activity and Injury Risk Analysis at Signalized Intersections: A Bayesian Modeling Approach

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Highlights

- A Bayesian modeling approach is used.
- We study cyclist injury occurrence and bicycle activity simultaneously.
- Presence of bus stops at intersections increases cyclist injury occurrence.
- Presence of raised medians at intersections decreases cyclist injury occurrence.
- We propose a ranking approach for corridors in terms of injury risk criteria.

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