

Effectiveness of a road safety intervention in a Latin-American City*

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Introduction

From 2015 to 2017, Mexico City implemented the Pasos Seguros program to prevent pedestrian injuries and deaths at dangerous road intersections. Few studies in low and middle-income countries (LMIC's) have evaluated the effect of such interventions.



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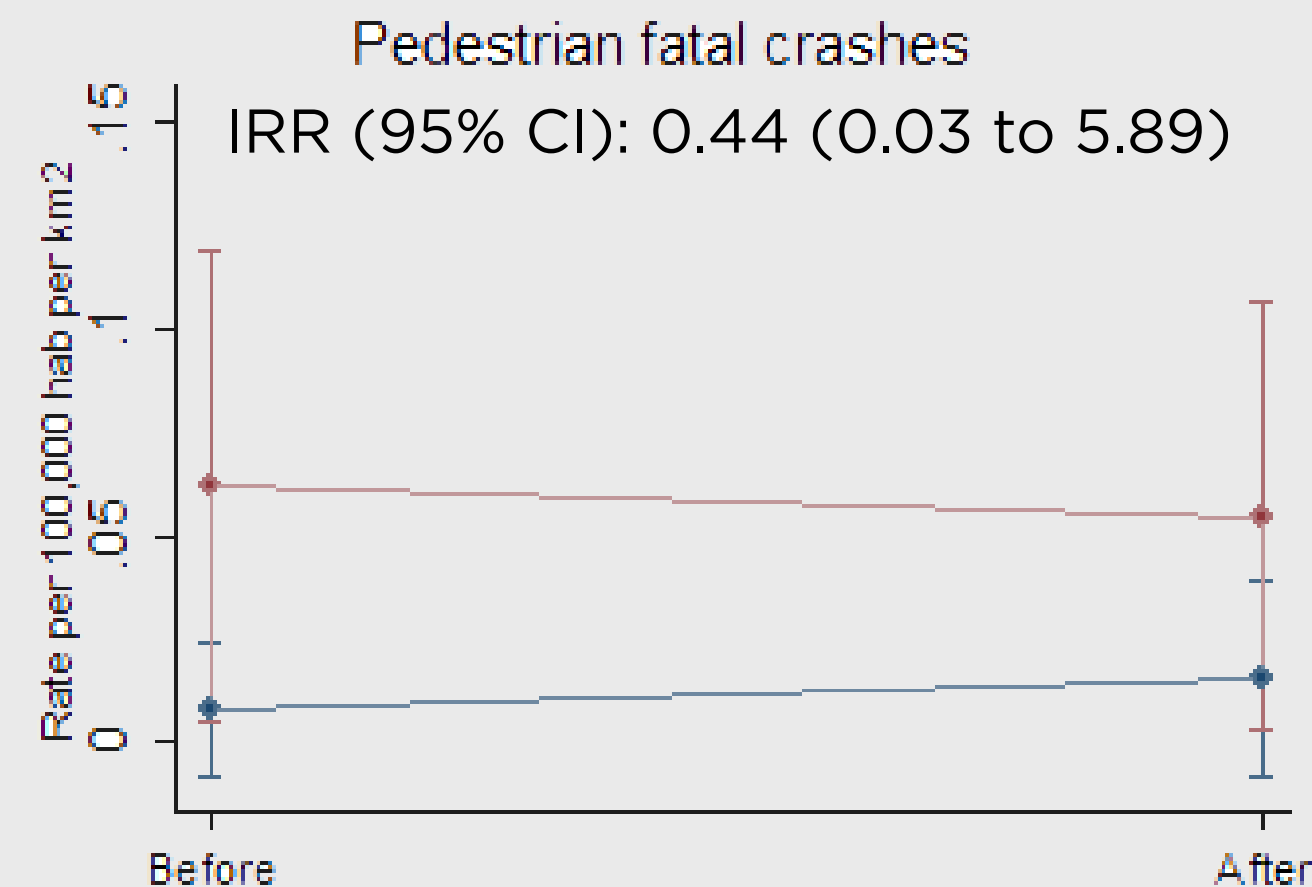
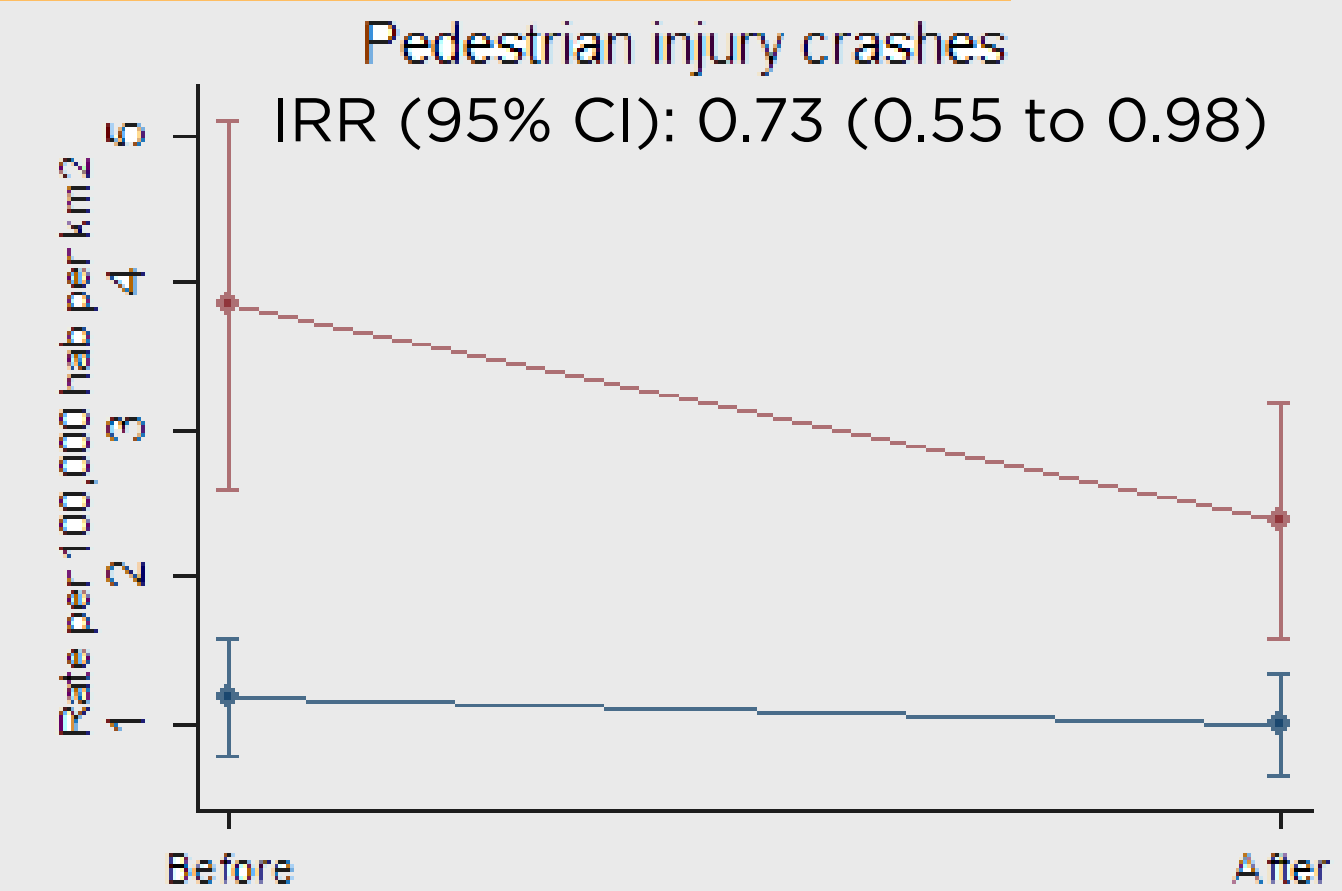
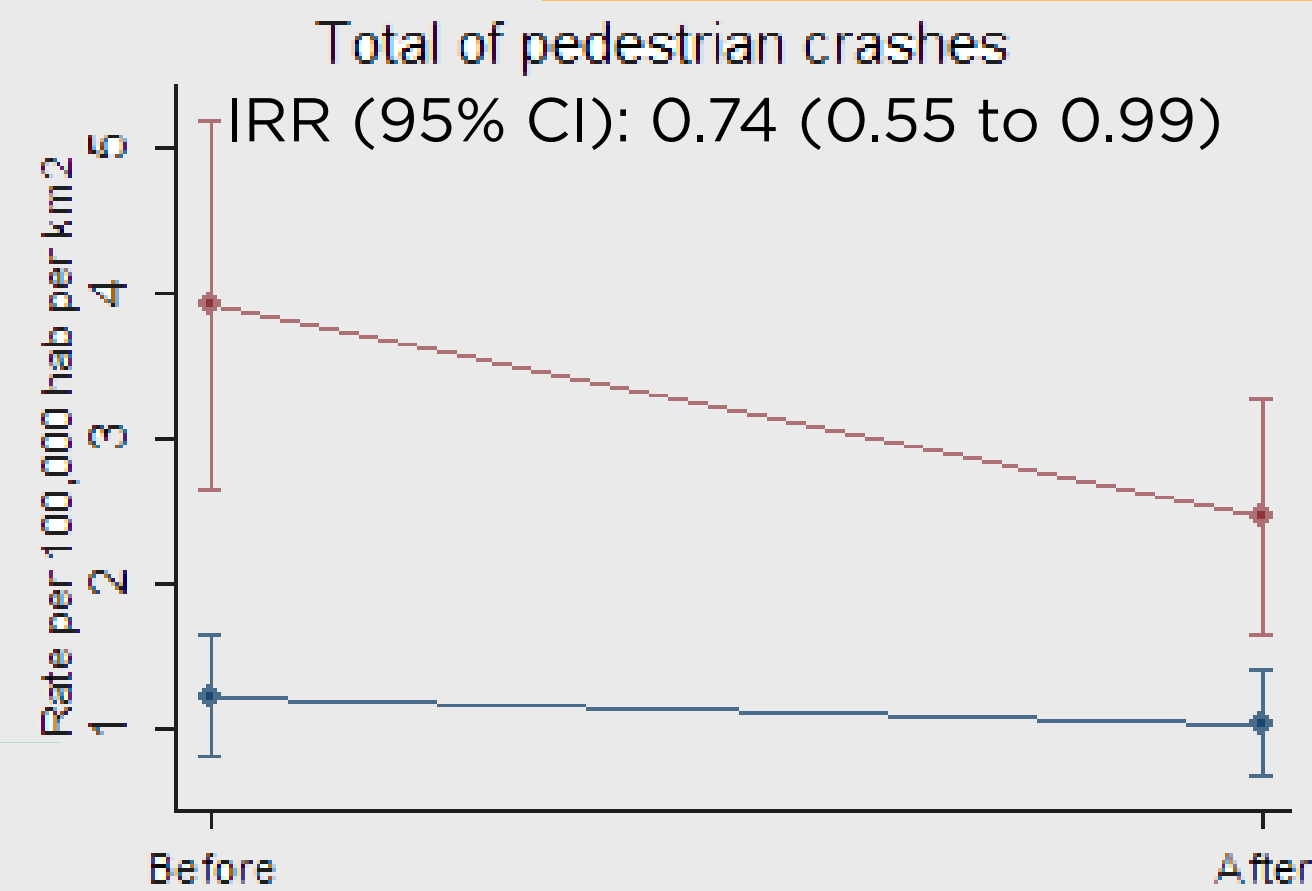
Aim

Assess the effectiveness of the Pasos Seguros program

Methods

- Two-group quasi-experimental design. Control intersections were paired using a Propensity Score Matching. Twelve months pre and post intervention were the before and after periods.
- Total of pedestrian crashes, fatal crashes and pedestrian injury crashes (Rates per 100.000 hab per km²).
- Negative binomial regression with random intercept and a difference-in-difference (DiD) estimation.

Effectiveness of the Pasos Seguros Program



Conclusion.

The Pasos Seguros reduced successfully pedestrian injury crashes. Similar interventions may work in other cities in LMIC's

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