## INVEST IN THE RIDE: A longitudinal analysis of the determinants

of public transport ridership in 25 North American cities
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MEiHODOLOGY
Inclusion Criteria of Transit Agencies
O Located in metropolitan areas with a population
over 1.5 million in 2015

- Operates at least two modes (bus, streetcar, light
rail and /or heacy rail).

Summary Statistics and Data Sources


NTD: National Transit Database
ACS: American Community Survey
ACS: Ameritan Community
Stattan: Statistics Canada


Main Findings
O The largest determinant of ridership is the number of vehicle revenue kilometers: a $10 \%$ increase in vehicle
revenue kilometers is cssocicted with an $8.1 \%$ increase in evenue kilometers is associated with an $8.1 \%$ increase in

- Fare is statistically significant and associated with decrease in ridership, where a $10 \%$ increase is linked
with a $2.1 \%$ decrease in ridership.

OThe presence of Uber and bicycle sharing systems in a jity, although not starid sily signicam, positively ridership

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CONCLUSION
Transit agencies and municipalities wishing to increase their ridership should consider improving their service through
investments in operations, while trying to limit fare investments
To ensure increases in ridershi, transit agencies need to find additional sources of revenue.

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