Discussing social implications of ride-hailing companies in Brazil

Providing access x working conditions implications
Poor Rapid Transit Network Coverage

9 MA ~ 30% of Brazil pop.

Only Rio has more than 30% of pop. near rapid transit considering linear distance of 1km.

Conventional transit services are poorly rated.

Investment need: R$25 billion per year (BNDES, 2015)
Social inequalities

MA with higher PNT have also higher gap between social groups covered

In 6 MAs, the percentage of hh with higher income is more than 2x than the lower income hh percentage

MA in the Northeast have less people near transit but smaller inequalities.
Gender inequalities

Coverage of poor and black women are less than results for total population

Coverage of black women are worse than for poor women

Metro areas with higher coverage present higher disparities between total pop. X black women
Contributing to fulfill a gap?

~30% of 99Pop travels start or end in 50% of poorest neighborhoods in 13 of Brazil’s largest cities.

~80% of travels were previously done with private cars.

Source: 99
First/Last mile travel?

- **São Paulo**: 13.2% of travels begin or end at a rapid transit station. Butantã subway station. Average distance: 6.1 km.
- **Rio de Janeiro**: 24.3% of travels begin or end at a rapid transit station. Jardim Oceânico subway station. Average distance: 6.6 km.

Source: 99
Shared economy or GIG economy?

By 2040, more than 60 percent of passenger miles traveled could be in fully autonomous vehicles x estimates that total US miles traveled could increase by 25 percent (Deloitte).

Drivers complaining:
- % taken by TNC
- Workload >12 hours a day
- Conflict with taxi drivers
- Fuel cost
Research questions without clear answers in Brazil so far:

> What is the socioeconomic profile of drivers?

> How working for ride-hailing companies is contributing to generate income for drivers?

> Are ride-hailing services contributing to intensify and rationalize the use of cars?

> How governments can profit from data these companies are generating for public good?
Thank you!

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