

# Road Pricing Policy Preferences in Switzerland

**Florian Lichtin, Keith Smith, Kay Axhausen and Thomas Bernauer**  
CSFM Kickoff Symposium – Speed Talk Session  
06.05.2022, ETH Zürich

# Road Pricing Policy Support – Revenue redistribution

- Stringent policy measures to reduce negative externalities from road transport are necessary, but public support is hard to achieve (Wicki, Huber, and Bernauer 2020; Wicki, Fesenfeld, and Bernauer 2019)
- Road pricing (entrance fees, motorway tolls) can decrease congestion, but also reduce pollution and emissions
- Redistributing funds generated from road pricing policies to offset increased transportation costs or public infrastructure could influence support for more stringent transport policies (e.g. Grisolia, López, and Ortúzar 2015)

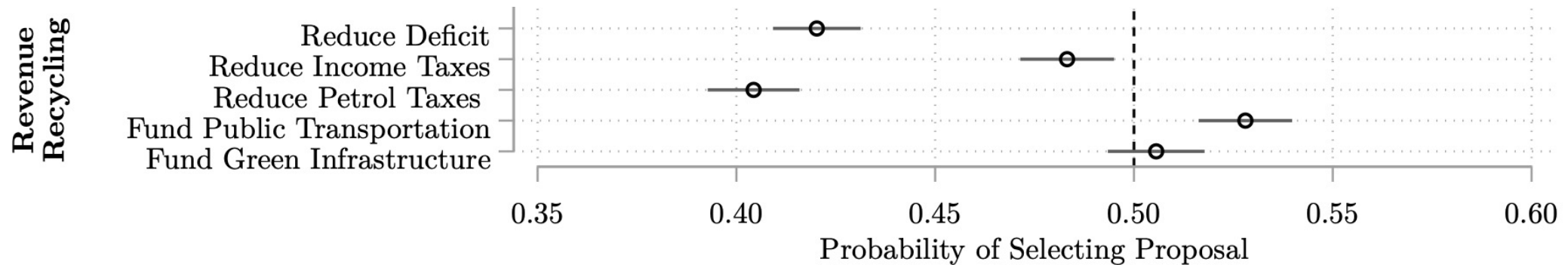


Congestion pricing (entrance fees) in London



# Support for Road Pricing Policies by Revenue Redistribution

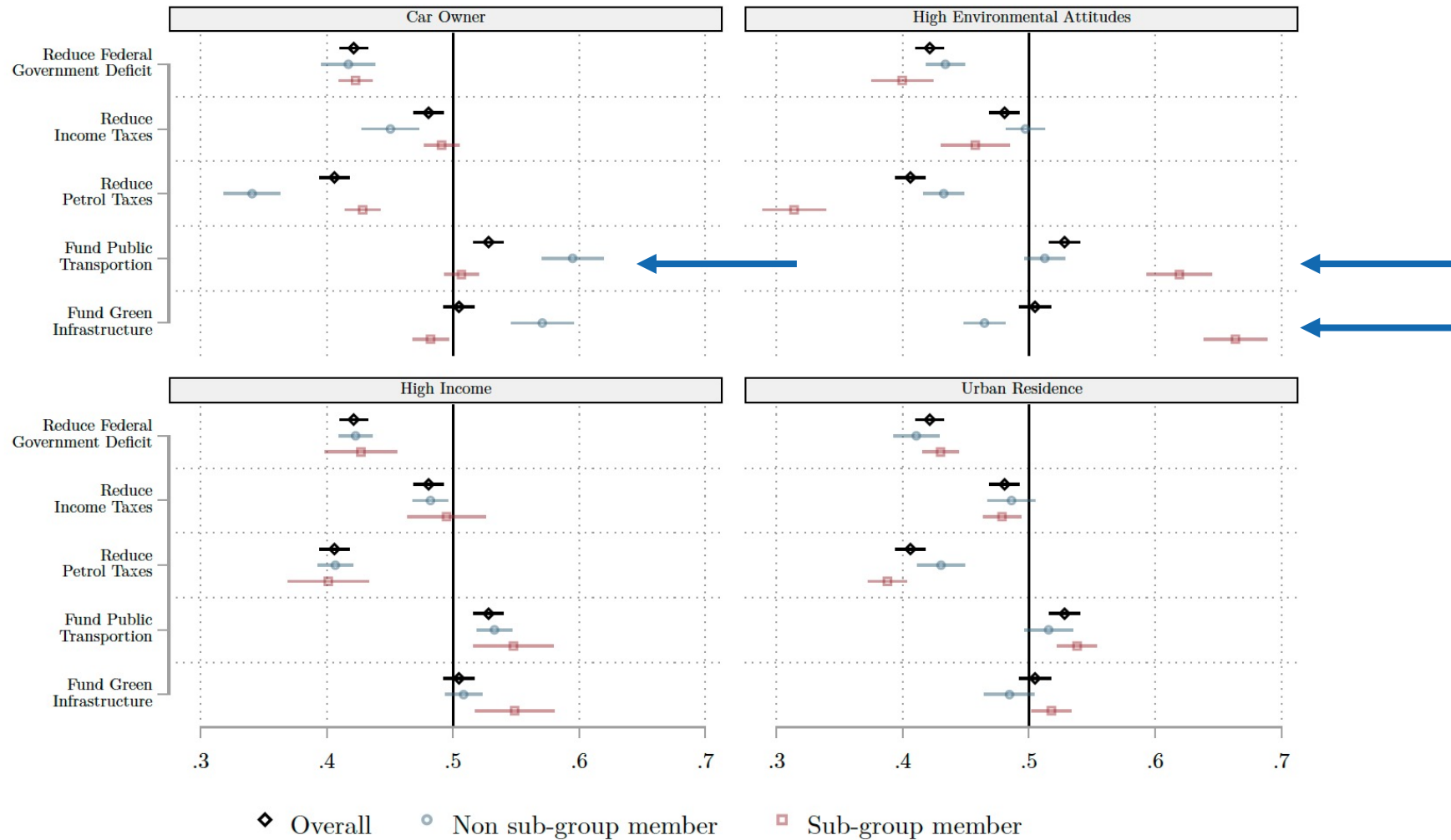
- Only policies that directly fund public transportation have majority support
- Policies to reduce taxes, government deficits are least popular



# Road Pricing Policy Support – Compensation for Sub-groups

- Compensation theory claims that reducing the negative impact on losers by revenue recycling can overcome public resistance to stringent measures in road transport, e.g. in the case of road pricing (Carattini, Kallbekken, and Orlov 2019; Drews and van den Bergh 2016)
- Does revenue recycling increase support for stringent road pricing policies amongst losers of such policies?

# Support for Road Pricing Policies by Sub-groups



# Meaning / Implications

- Investment in public transport increases support for road pricing policies
  - But decreasing cost burden via tax rebates reduces support
- Revenue recycling mechanisms that are intended to compensate losers of stringent transport policies do not increase support enough amongst them
  - Revenue recycling mechanisms that compensates losers of stringent transport policies are supported among non-car users and environmentally aware citizens