

Presenter: Maldague, Hubert

- Oral presentation
- Poster
- No preference

Inequalities in household income and car ownership: close links - Comparison between Flanders, Brussels and Wallonia

¹Hubert Maldague, ²Lambotte Jean-Marc and ³Jean-Marie Halleux

^{1,2 & 3}Lepur – Université de Liège

Keywords: car ownership, household income, spatial disparities, Brussels, Flanders, Wallonia

Abstract: Since 2020, by cross-referencing several databases, STATBEL has been able to estimate household car ownership on a fine spatial scale. Initial analyses have already been carried out on this subject within IBSA with a view to identifying the determinants of the spatial distribution of data relating to car ownership per household by statistical sector in the Brussels-Capital Region and its surrounding areas (Ermans & Henry, 2022; Ermans, 2023).

The distribution of this variable by municipality for Belgium as a whole shows that one of the main explanatory variables is household income. The aim is to gain a better understanding of inter- and intra-regional disparities in household car ownership and its interaction with average per capita income. This is the first stage in a more comprehensive analysis of the multiple determinants likely to explain the spatial distribution of the number of cars per household ratio within Belgium.

At a time when the purchase price of new and used cars is rising rapidly and faster than household incomes, the question of social and territorial equity in access to the car is becoming an increasingly important issue. Environmental policies (ban of sales of new internal combustion cars from 2035, increasingly strict standards for low-emission zones in various major cities) add weight to this challenge (Da Schio et al., 2023).

References:

Da Schio N., Van Eenoo E., Caset F., Vanparys L., Bartiaux F., Luppari E., Ermans T., Verbeek T., Wayens B., Boussauw K., Maciejewska M., Bothof S., Te Boveldt G., Cassiers T., Hantson, M. 2023. Pourquoi et comment intégrer la justice sociale dans l'agenda politique pour la restriction automobile. *BSI Position Papers*, 6. Available in <https://bsiposition.hypotheses.org/?p=2936>

Ermans T., Henry A. 2022. Où sont les voitures ? Une géographie de l'équipement automobile des ménages à Bruxelles et en périphérie proche. *IBSA, Focus n°53*. Available in https://ibsa.brussels/sites/default/files/publication/documents/Focus-53_FR.pdf

Ermans T. 2023. *Quelle est l'influence de l'environnement urbain sur l'équipement automobile en région bruxelloise ? Vers une description de l'équipement automobile à l'échelle des quartiers au regard des contextes explicatifs locaux.* Cahiers de l'IBSA n°9. Available in https://ibsa.brussels/sites/default/files/publication/documents/Cahier%20motorisation_FR_Final_0.pdf