



***Econometric Models for the Design
and Management of Regulated
Parking Systems***

Gonzalo Antolín San Martín

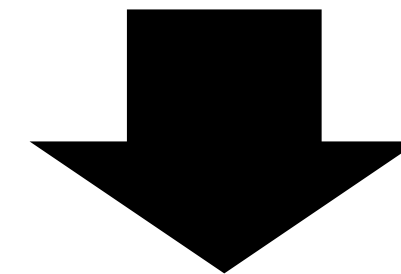
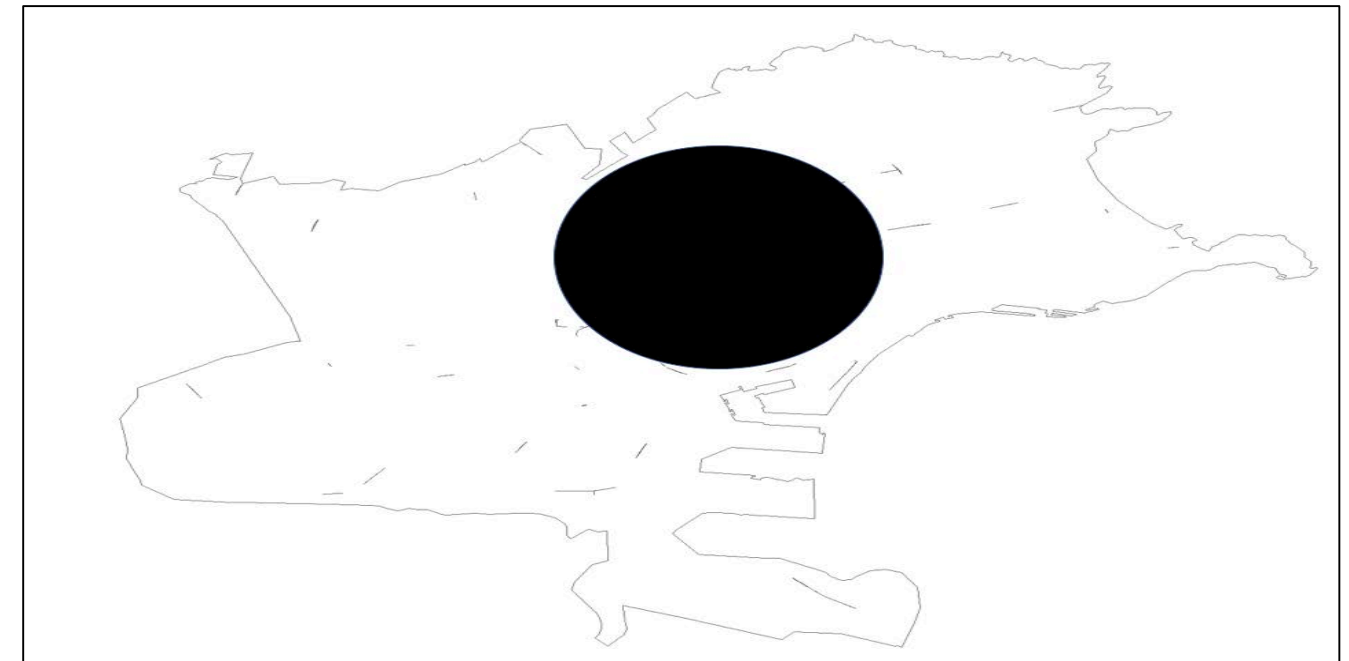


Content

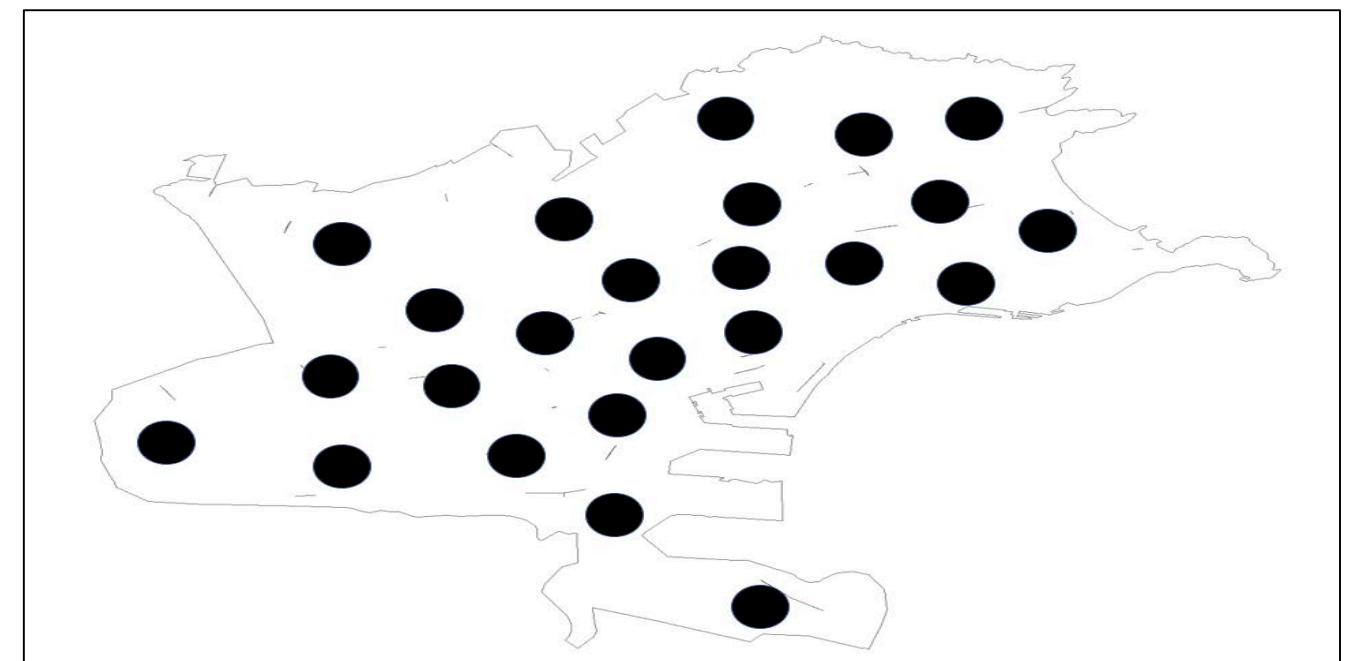
- **PhD Main Objectives**
- **Scientific Activity**
 - Conference papers
 - Posters
 - Journal papers.
- **Compliance level of PDIC skills**

PhD Main Objectives

1. **Discrete choice models considering systematic and random taste variation.**

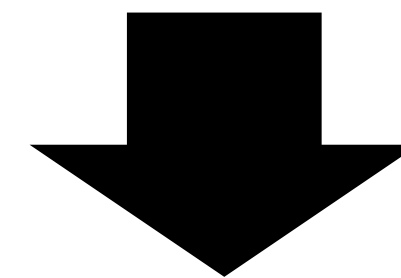
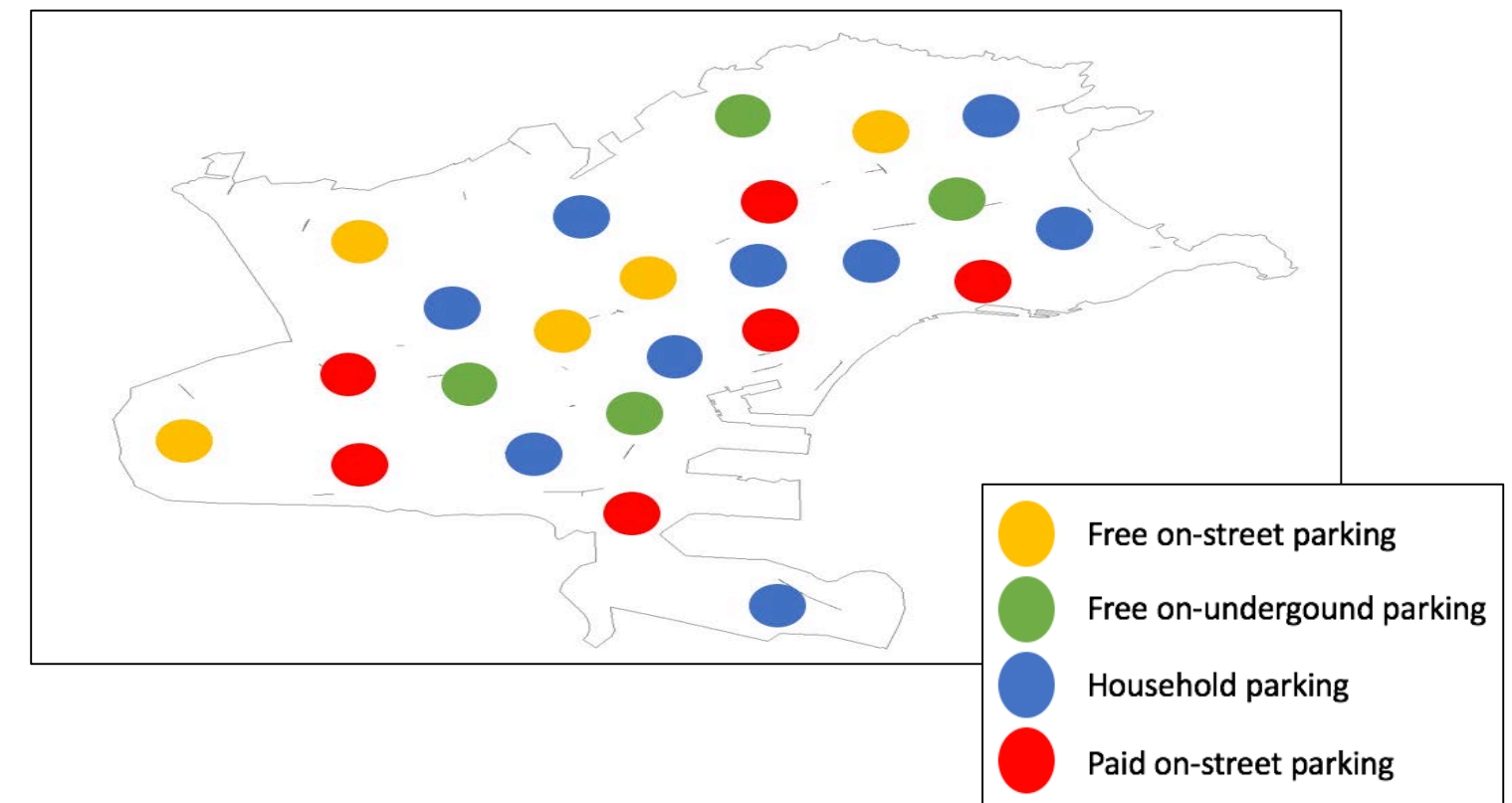


2. **Discrete choice models considering heterogeneity among users.**

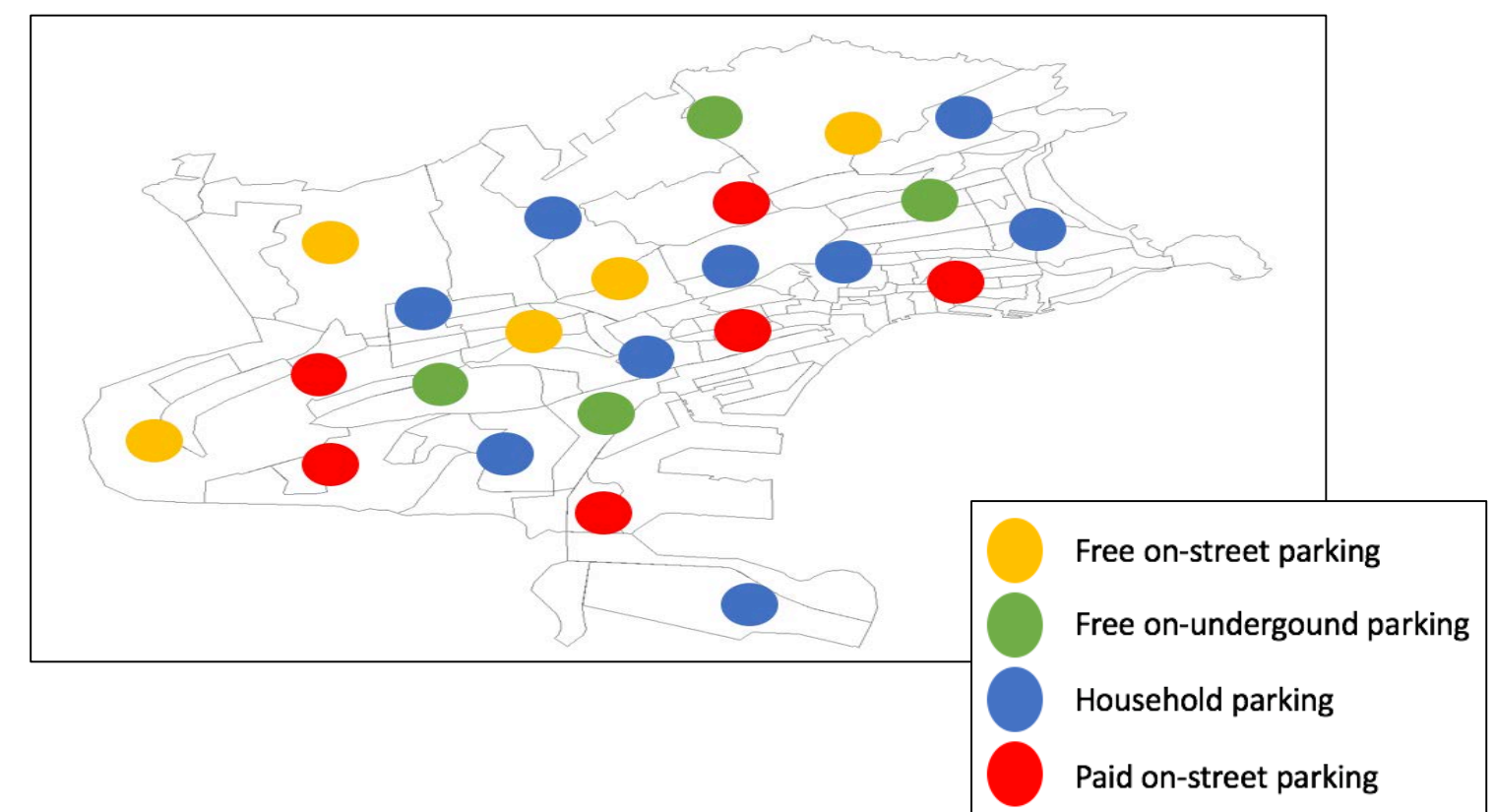


PhD Main Objectives

3. Discrete choice models considering heterogeneity and correlation between the parking variables.



4. Discrete choice models to model parking location considering spatial correlation.



Scientific Activity

- Conference papers

- Antolín, G. (2017). Comportamiento del usuario en la elección de aparcamiento: *Park Pricing. 10ª Jornadas Técnicas de Aparcamientos Urbanos y Movilidad. Sevilla (España)*.
- Antolín, G., Ibeas, A., Borja, A. & L. dell'Olio (2016). Modelling parking behaviour considering heterogeneity. *XVII Congreso de Ingeniería del Transporte. Valencia (España)*.
- Antolín, G., dell'Olio, L., Moura, J. L., & Ibeas, A. (2015). Modelo de comportamiento del usuario en la búsqueda de aparcamiento. *XVII Congreso Chileno de Ingeniería de Transporte. Concepción (Chile)*.

- Posters

- Antolín, G., Ibeas, A., Borja, A. & L. dell'Olio (2016). Modelo comportamental del usuario en la búsqueda de aparcamiento. *XIX Congreso Panamericano de Ingeniería de Tránsito, Transporte y Logística. Ciudad de México (México)*.

Contributions

- Journal papers

- Antolín, G., Ibeas, A., Alonso, B. & dell'Olio, L., (2016). Modelling parking behaviour considering heterogeneity. *Transport Policy*, Q1. Impact factor: 1,657 (Under review).
- Antolín, G., Ibeas, A., Cordera, R. & dell'Olio, L., (2017). Modelling parking choice behaviour considering systematic and random variations in user taste and alternative availability. *Transportation Research Part A: Policy and Practice*. Q1. Impact factor: 2,725 (Under review)
- Antolín, G., Barreda, R., Cordera, R., Borja, A., dell'Olio, L., Moura, J. L., & Ibeas, A. (2016). Metodología de diseño de encuestas origen-destino incorporando análisis del estacionamiento. *Ingeniería de Transporte*, 19(1).
- Antolín, G., dell'Olio, L., Moura, J. L., & Ibeas, A. (2016). Comportamiento en la búsqueda de aparcamiento teniendo en cuenta los gustos de los usuarios. *Ingeniería de Transporte*, 19(2).

Compliance level of PDIC skills

Basic competences	Science and Technique	Technology	Training courses	Results	SWOT analysis	Workplan	Mobility	Funding	Ethics
CB11	✓	✓	✓						
CB12				✓		✓	✗		
CB13				✓					
CB14					✓		✗		
CB15				✓					
CB16				✓					✓

Capacities and personal skills	Science and Technique	Technology	Training courses	Results	SWOT analysis	Workplan	Mobility	Funding	Ethics
CA01	✓	✓	✓						
CA02				✓					
CA03						✓		✓	
CA04			✗				✗		
CA05	✓	✓	✓						
CA06					✓				

Econometric models for the design and management of regulated parking systems

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