

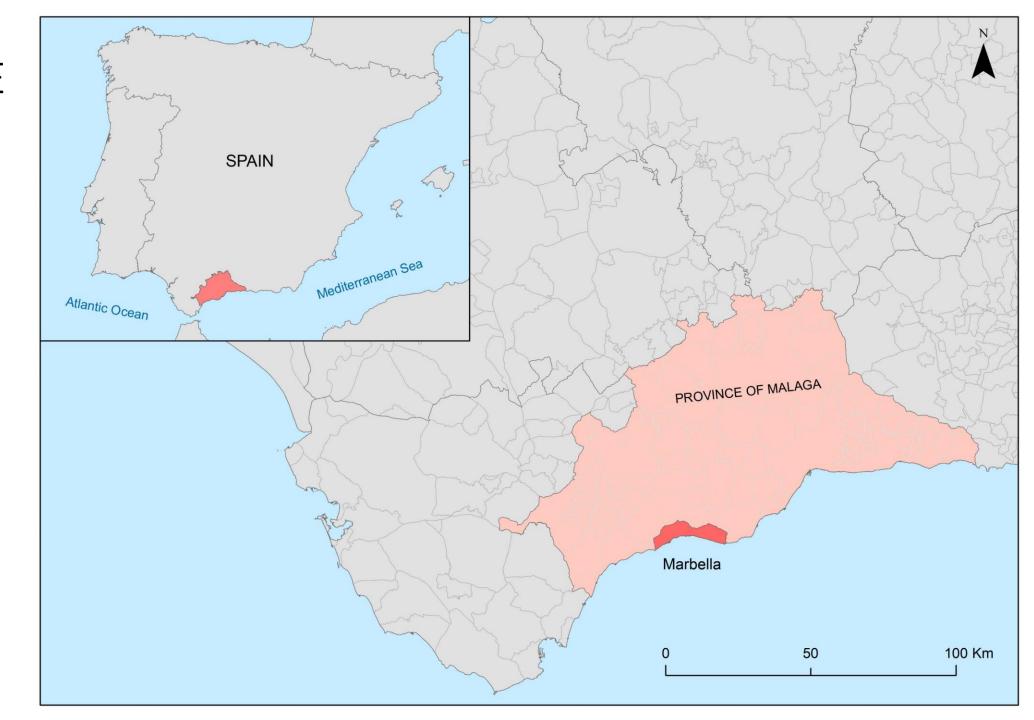
AIMS

1. To Categorize the urban typologies

2. To Identify the predominant construction models in each period

3. To Relate each urban typology with socioeconomic variables

STUDY CASE



STUDY CASE

Until the 1950s it was a rural area based on a traditional agrarian production model



s://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.marbellaactiva.es%2Fimagenes-del-pasado%2F&psig=AOvVaw1sJO_RE_ylfkZoU npP7ud&ust=1621870158568000&source=images&cd=vfe&ved=0CAlQjRxqFwoTCMCO76iP4PACFQAAAAAdAAAAAAADD In the mid-twentieth century the implementation of a production model focused on the service sector and construction began, promoted by businessmen linked to the Franco dictatorship



This broke with the traditional configuration of the town, and was linked to an urban process marked by frequent episodes of political-business corruption and the consequent Spanish real estate boom



Marbella, despite having a production model similar to the surrounding municipalities, has its own brand that keeps it on the market as a luxury tourist destination.

Why?

The legacy that still permeates the glamour of Puerto Banús from the 70s, one of the main local tourist landmarks of the national capitalist class.

The own construction model is key, with the introduction of landscaping resources for the real estate business such as golf courses.

METHODOLOGY

Variables of urban habitability

- Vegetation density
- Construction density
- Road density
- Building height
- Distance to the urban core

Socioeconomic variables

- Average annual income per household
- Gini Index
- Percentage of the population under 18

METHODOLOGY

- Sources
- -Official Spanish Cadastre
- > Construction density
- Road density
- Building height
- -Spanish National Plan for Aerial Orthophotography (PNOA)
 - Orthoimage

-Spanish Statistics National Institute (INE)

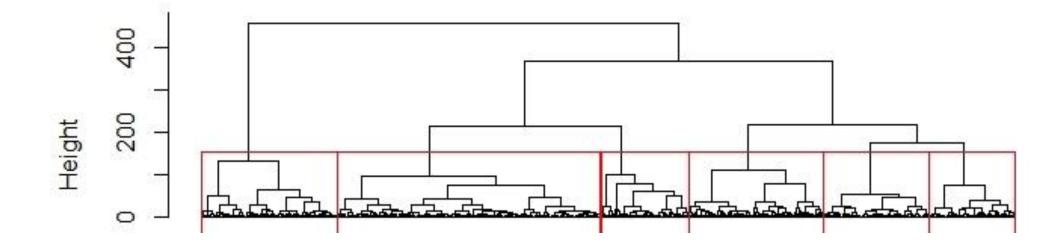
- Average annual income per household
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METHODOLOGY

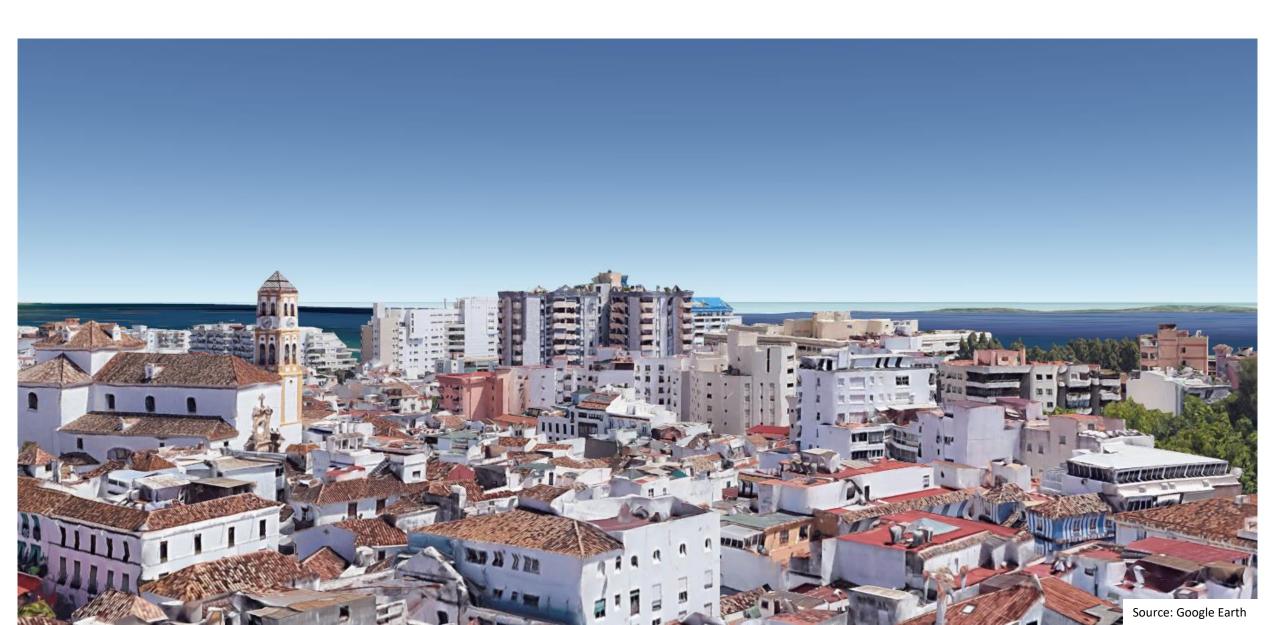
Information processing

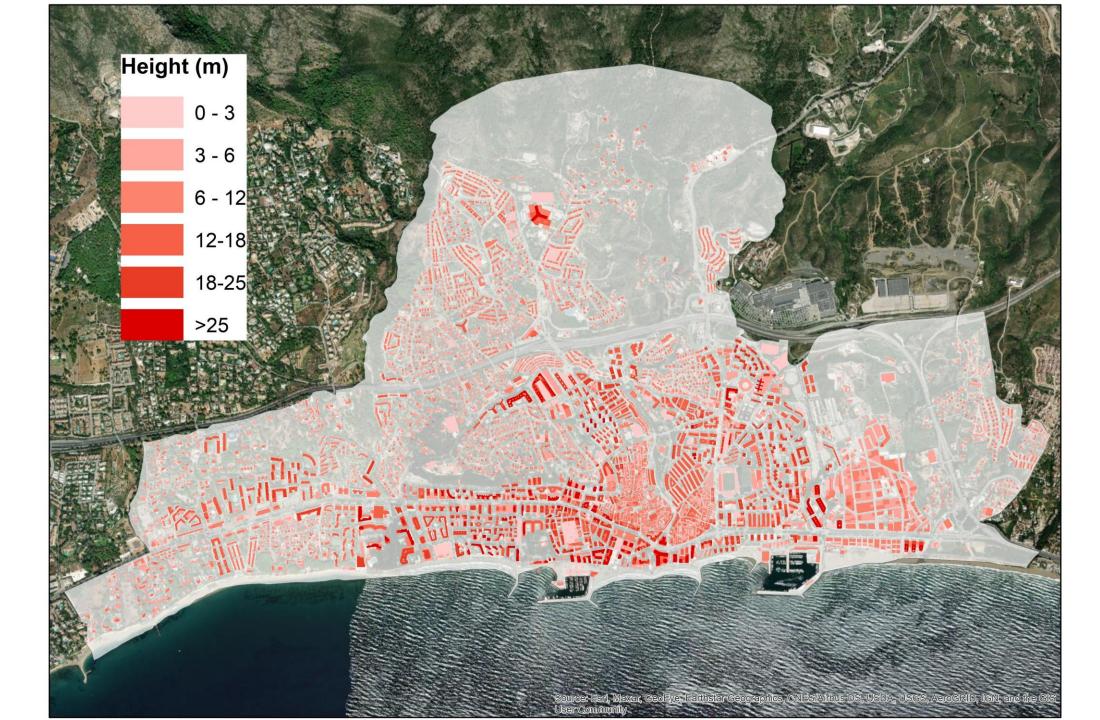
≻Clustering

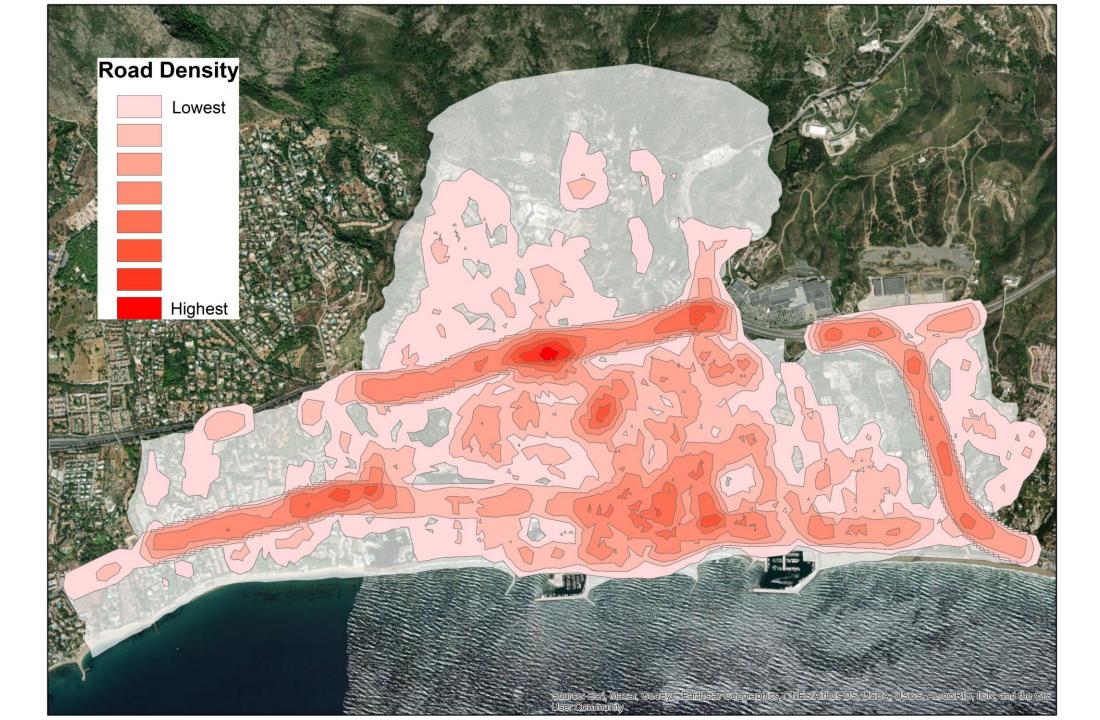
Cluster Dendrogram

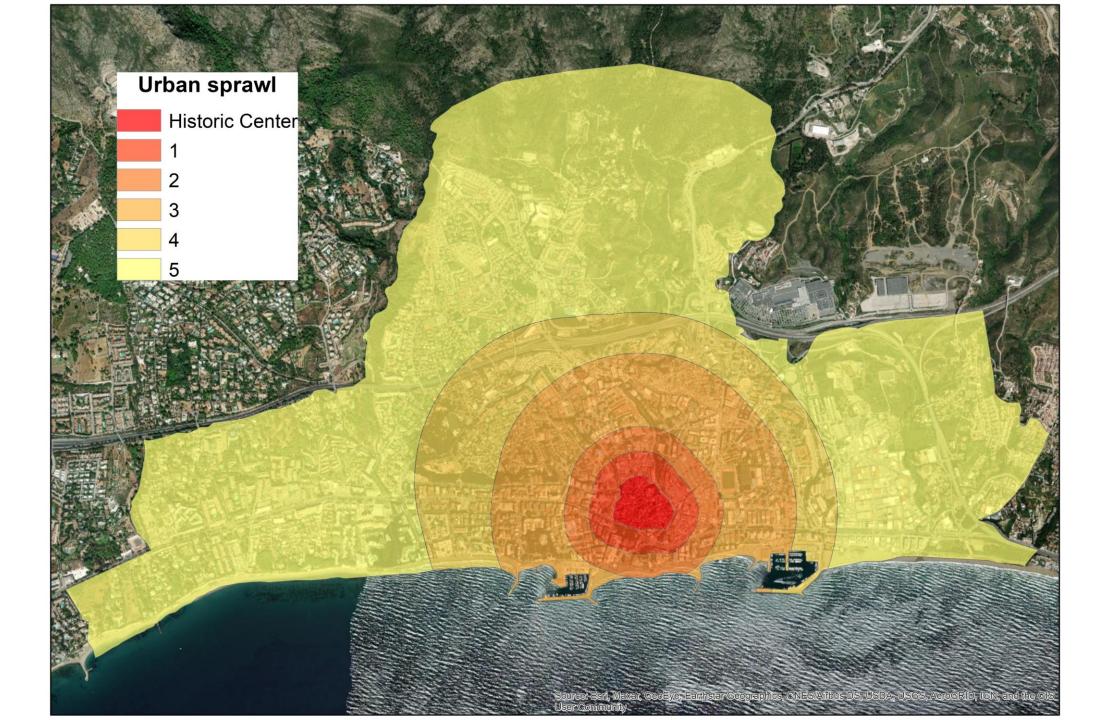


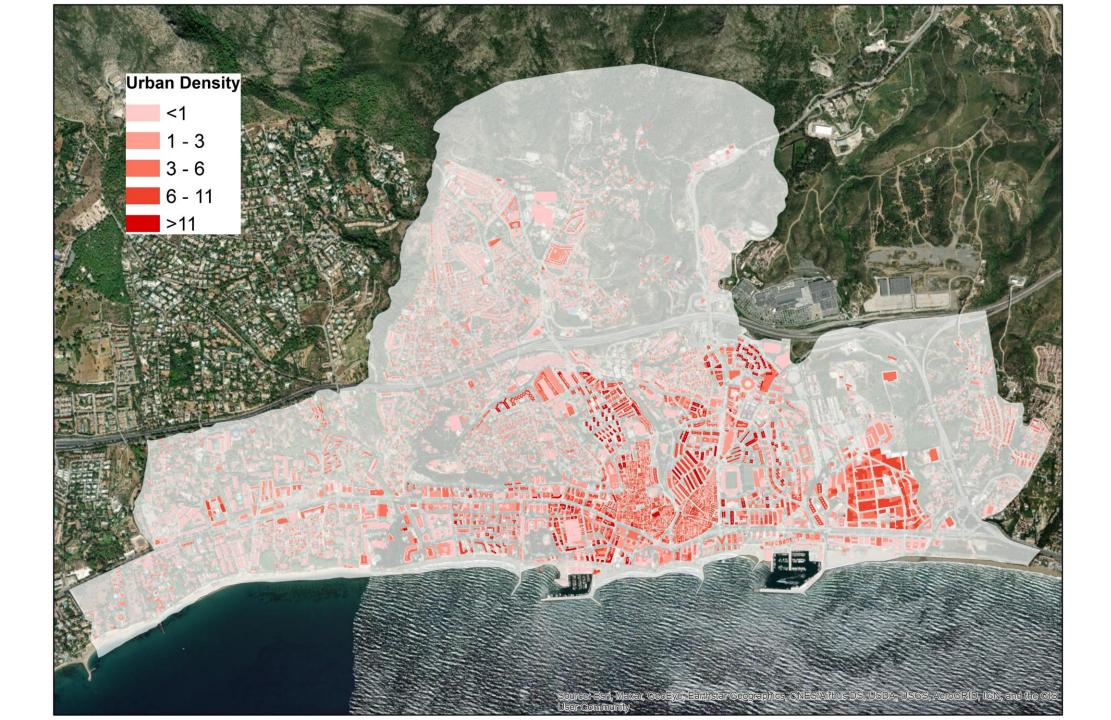
RESULTS



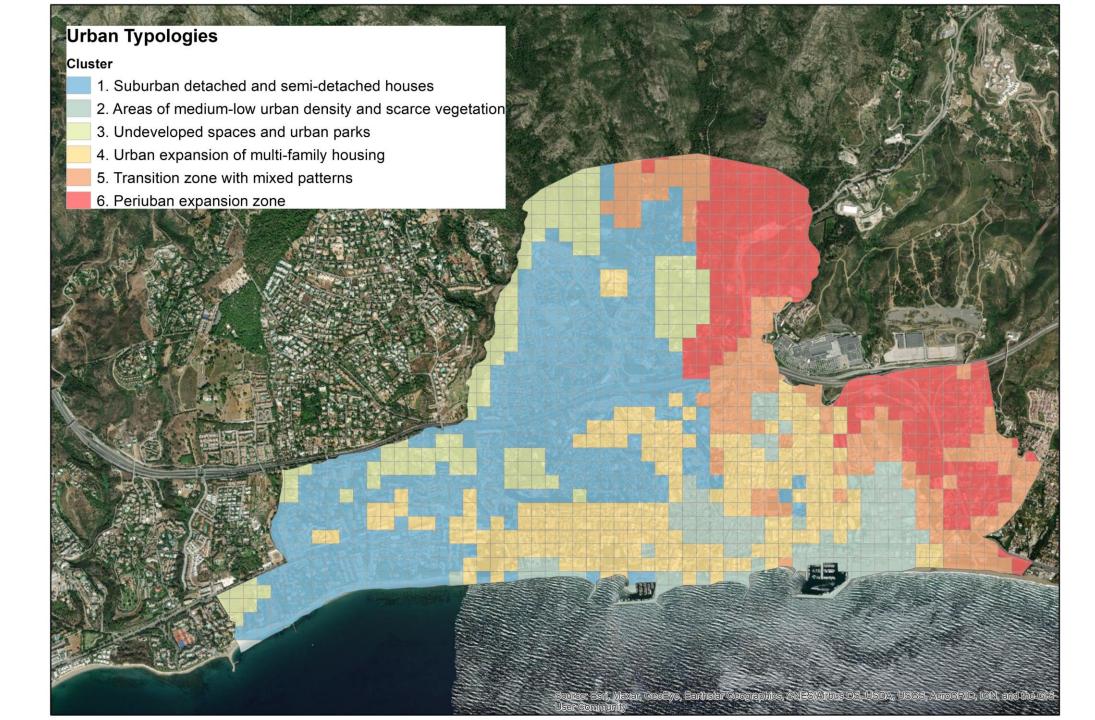








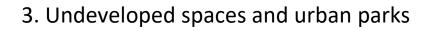




1. Suburban detached and semidetached houses



2. Areas of medium-low urban density and scarce vegetation







4. Urban expansion of multi-family housing



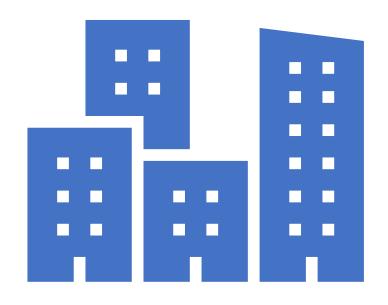
5. Transition zone with mixed patterns



6. Periuban expansion zone



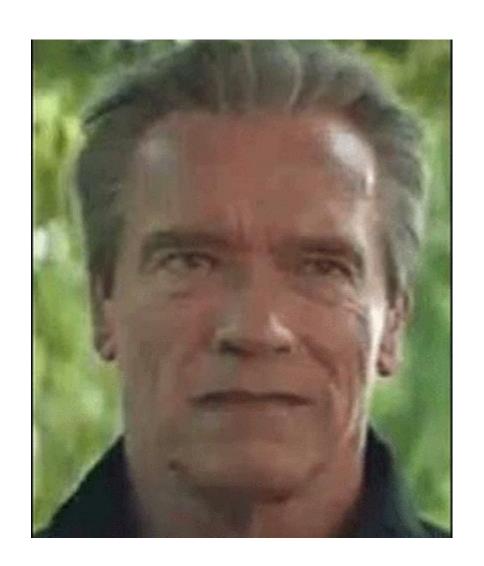
Source: Google Earth



CONCLUSIONS

 Different predominant urban typologies with well-defined landscape features are recognized in Marbella.

 The proposed procedure is a useful tool to accurately assess changes in urban areas, so it may be used in landscape assessment research.



THANK YOU VERY MUCH FOR YOUR ATTENTION:

DĚKUJI MNOHOKRÁT

PRO VAŠI POZORNOST!

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