



From Madrid to Heaven

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KEY METRICS

From the data provided in the dashboard, I clicked on the key metrics data and then looked at the population and nationality distribution and conclude what is the current population increase rate, then I check the nationality distribution, age and gender of Madrid population. Following results are obtained:

Population and Nationality Distribution

87.9% are native spanish \rightarrow 2.80 Mio in Madrid

12.1% are foreigner \rightarrow 384.000 in Madrid

Population Increase Ratio

$$0.062\% \quad \text{as} \quad \left(\frac{1980}{3.18 \text{ Mio}} \times 100 \right)$$

Nationality Distribution

40 % Latin America and Caribbean

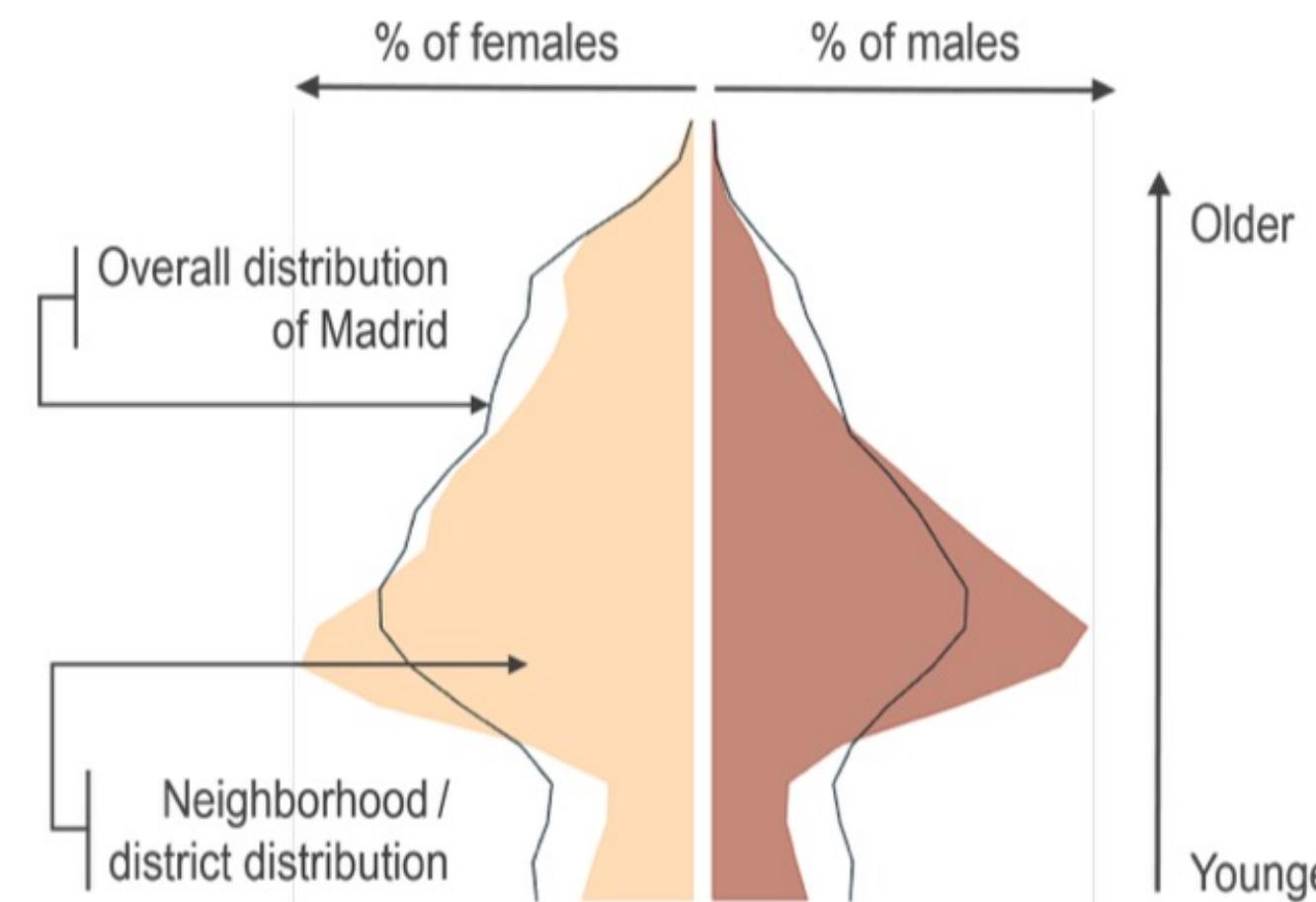
16 % EU 28

15 % Asian

Population Age and Gender Pyramid

Age: Females are younger than males

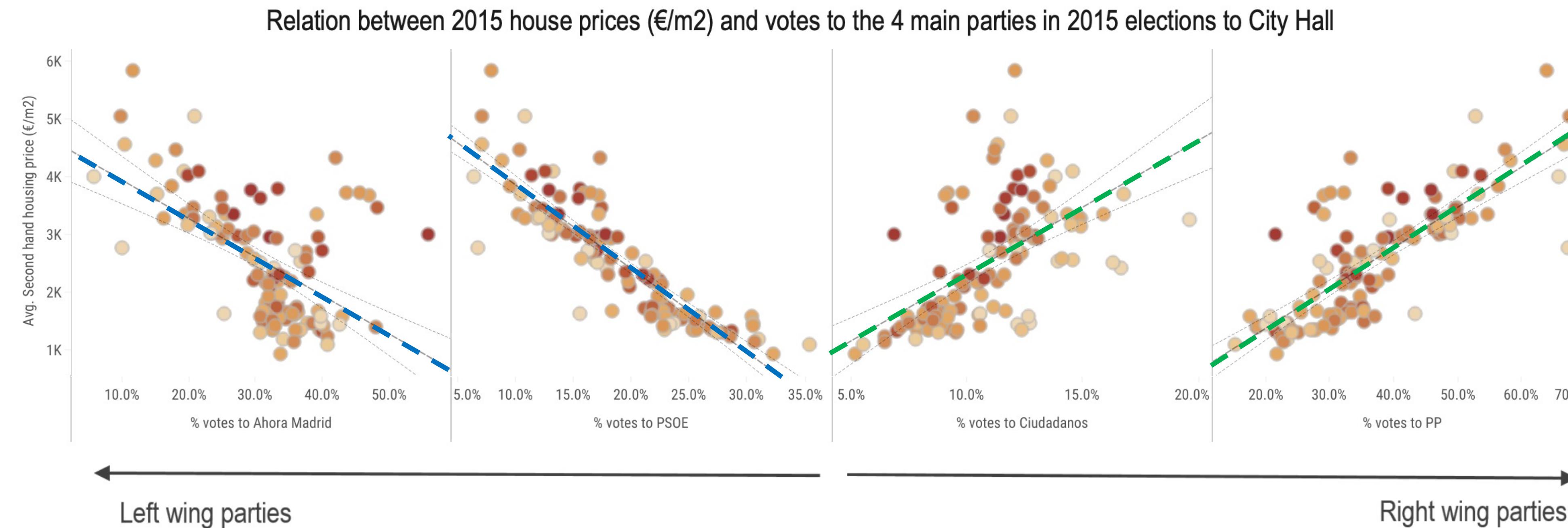
Gender: Females are older than males



	Total Population	Districts	Neighbourhoods
	3.18M	21	128
Births		Deaths	Natural Increase
	29,737	27,757	1,980
Nationality Distribution	12.1%	Foreign Population by Origin	
	87.9%	Latin America and Caribbean EU 28 (ampliation) Asia and Oceania EU 15 Africa Other OCDE countries Other European countries Stateless Unknown	40% 16% 15% 12% 9% 5% 4% 0% 0%
Passenger cars	1.26M	Cars per 100 inhabitants	39.6

HOUSING PRICE

From the data provided by the dashboard, I clicked on the price of second hand housing and then looked at number of voters to conclude how is the status of voters and their housing price, following conclusions can be observed:

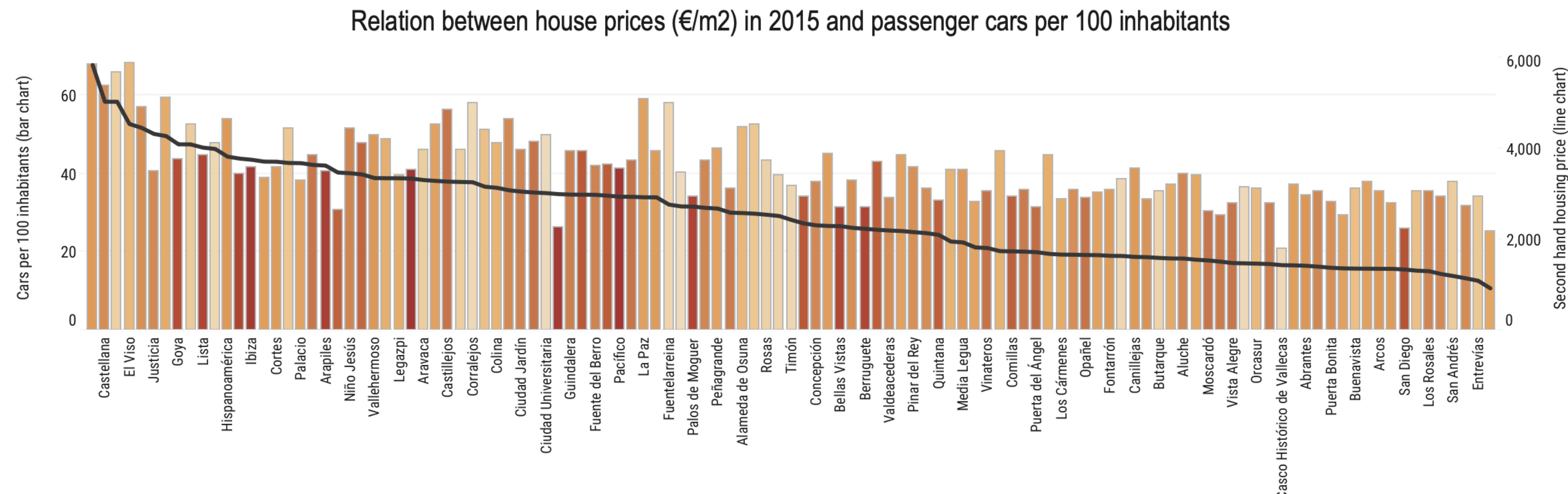


- The number of people voted for **left wing party** has a **negative** linear correlation with the second hand housing price.
- The number of people voted for **right wing party** has a **positive** linear correlation with the second hand housing price.

PASSENGER CARS

From the Madrid in Detail dashboard, I clicked on the lower chart and then looked at gradient of housing prices and compared it with the car owners and reach following conclusions:

- The housing price for habitants with more cars are higher.
- The housing price reduces as the number of cars by inhabitants decreases.
- The middle point of the curve is for districts with highest population density.



HELPFUL LINKS

Tableau Public “Madrid in Detail”:

https://public.tableau.com/views/MadridInDetail/MadridinDetail?%3Aembed=y&%3Atoolbar=yes&%3AloadOrderID=0&%3Adisplay_count=y%3F%3Aembed&%3AshowVizHome=no

Rubrics:

<https://review.udacity.com/#!/rubs/1063/view>