

# Emptied Spain : last years evolution

## 1 Region and Domain

State the region and the domain category that your data sets are about.

Spain, Europe  
Demographics

## 2 Research Question

We are interested for the demographic situation of the Spain Emptied Areas :  
So , our target are small villages , less than 500 habitants

We try to understand if last times , have changed the old trend in this segment to lose population  
There had been , administration and market based initiatives to populate this villages :  
- Incentives for families to change his home , in term of cheaper rents or prices for houses  
- Tourism advanced services based in these places ( rural homes )  
- Delocation of work , via Internet penetration in these areas.

## 3 Links

Source : is a compressed file containing annual excels ( 1998-20129 ) with population villages based.

Data for 2020 were available with no real data but estimated. We didn,t included in analysis.

- <https://https://www.ine.es/dynt3/inebase/es/index.htm?padre=517&capsel=525>

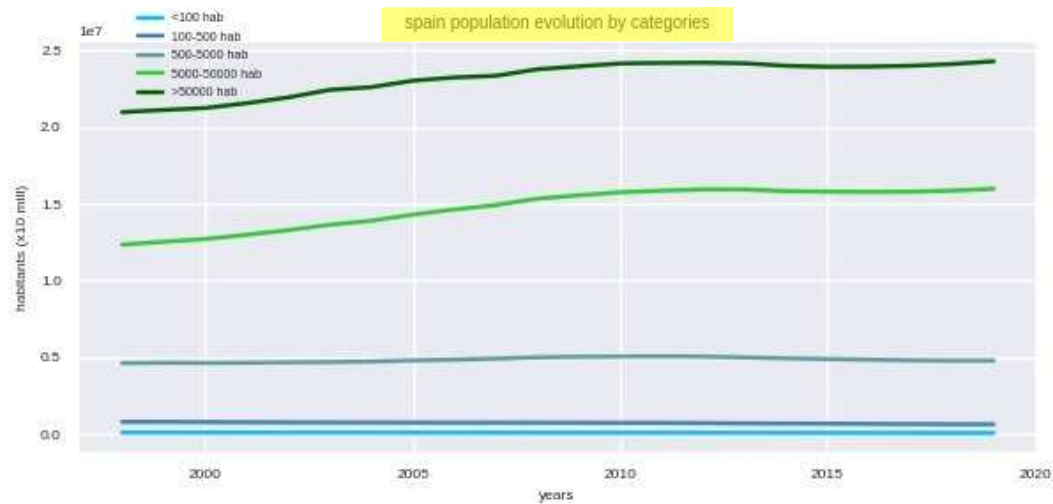
## 4 Images

Work is made up of joining annual files and visualizing results in some graphics , focusing on targetted villages:

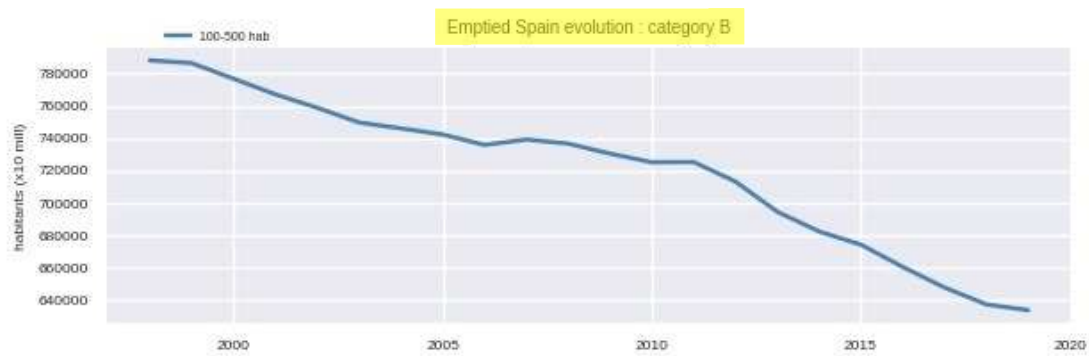
In period under observation , Spanish total population has grown 15% aprox.

As we can see this happen for the performance in bigger cities , not for smaller.

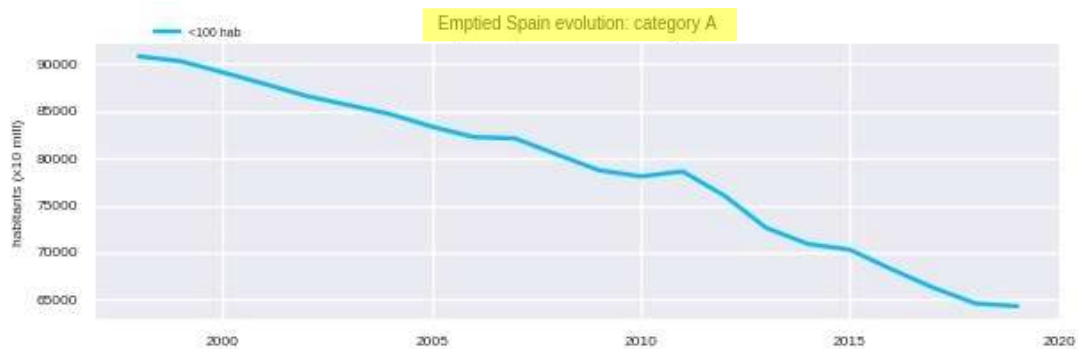
one



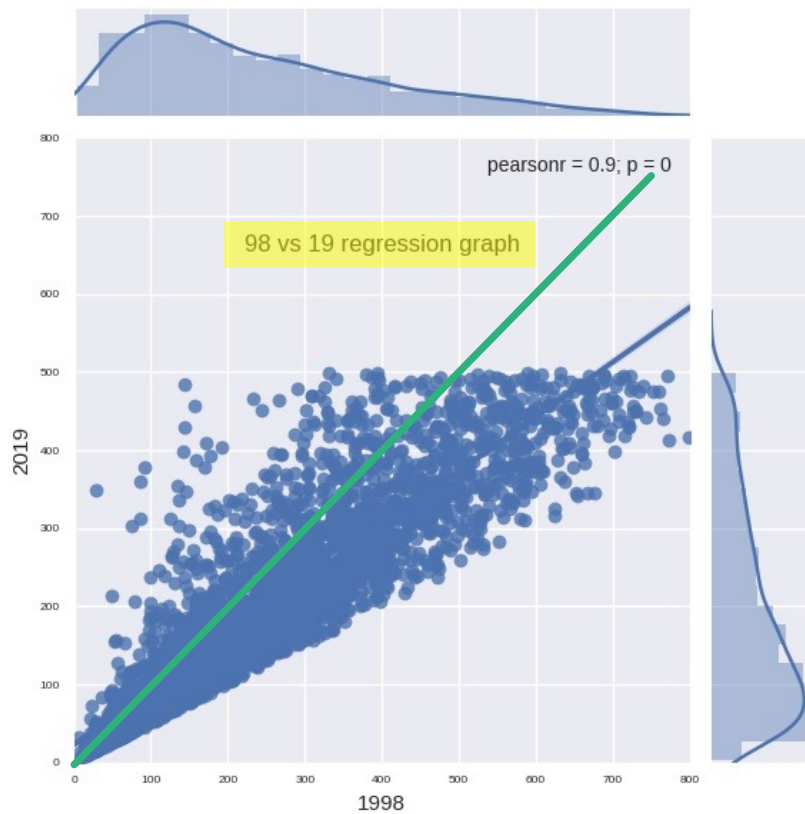
two



three

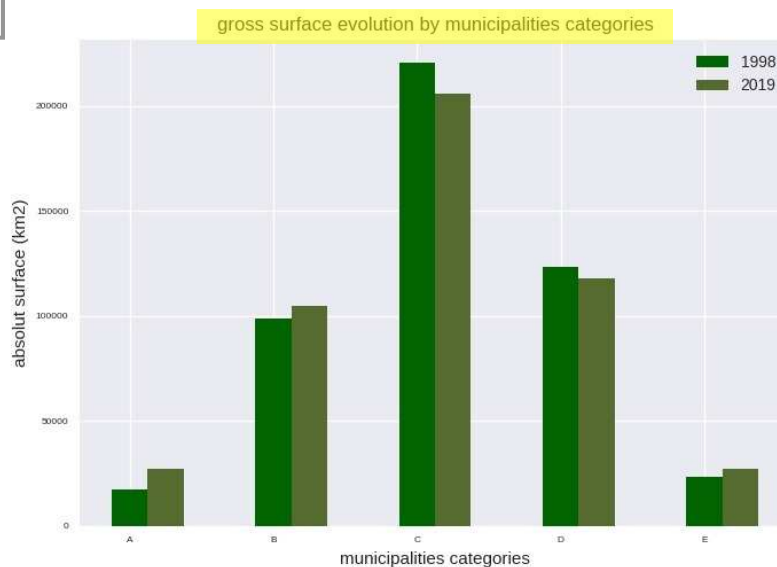


four



Here we can see, in a municipality bases, ( only for target categories, ie: A and B ) that in fact there is a group where 2019 population is bigger than 1998 ones. But is clear that these effect it happens in shortest number of villages, than the opposite. This could be an evidence that is possible to revert situation, but the spread and intensity of the corrective measures and the power of marketing trends must be bigger.

five



Finally we bring up the evolution (98-19) of the surface taken by every category and is easy to see that A and B categories spreading for "the bull skin". These run up the "null hypothesis", I mean "Emptied Spanish" is going up.

## 5 Discussion

All the efforts made to change this trend may be performing effect but the "sunnamy" of concentration around big cities is more powerfull at the moment. May be 2020 with the covid and teleworking effect could be different , but to confirm this we'll have to wait INE publish data , cause at the moment are only estimations.

Wea

MayW be 2020 , with covid-19 and teleworking effects could be different,