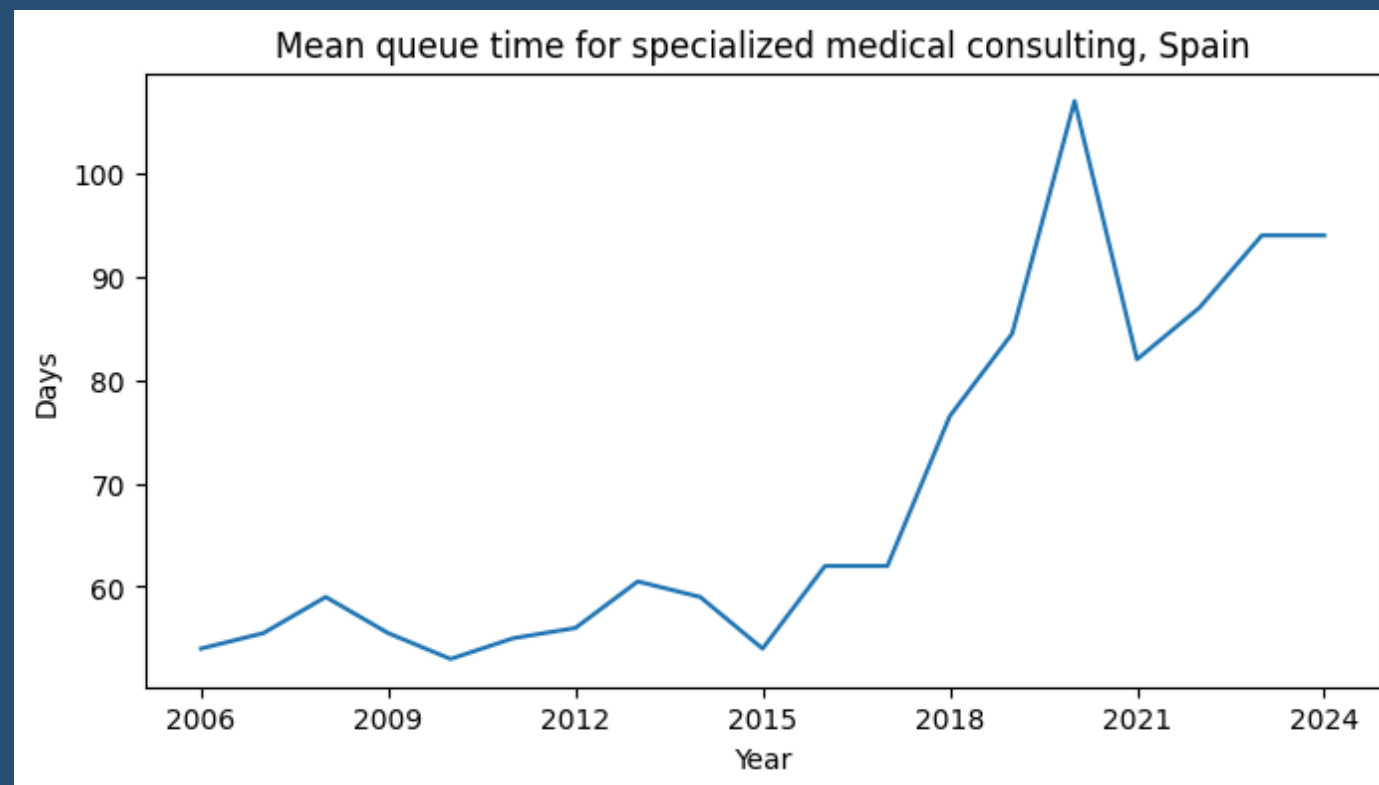




By: Raúl García Gómez



# The cost of Dementia



Hostpital queue time is increasing in Spain

Source: [epdata.es](http://epdata.es)

**24,000 €**

per year and  
patient

**87%**

of which is  
covered by  
families

..and this data doesn't include social costs

Source: [Revista Economía de la Salud](#)

# How much does a MRI cost?

**200,000 €**

Mean cost of a MRI machine, Spain

**250 €**

Mean cost of a MRI **scan**, Spain





**Assists the diagnoses of the**  
doctors, both in a  
**preliminary stage** and once  
the patient is derived to a  
**specialist**



# Two tools in one



## Preliminary predictor

Predicts **whether or not** the patient shows signs of dementia, with easy-to-get data such as a Mini-Mental State Examination, a Functional Assessment Form, or perceptions of the own patient

### Useful for...

- Assisting doctors achieve **faster, evidence-based decisions**.
- **Filtering patients** with no signs of dementia out of specialized, **cost-intensive** medical equipment.



## MRI predictor

Predicts both **whether or not** the patient shows signs of dementia and, if so, **the advancement of the disease in three categories**.

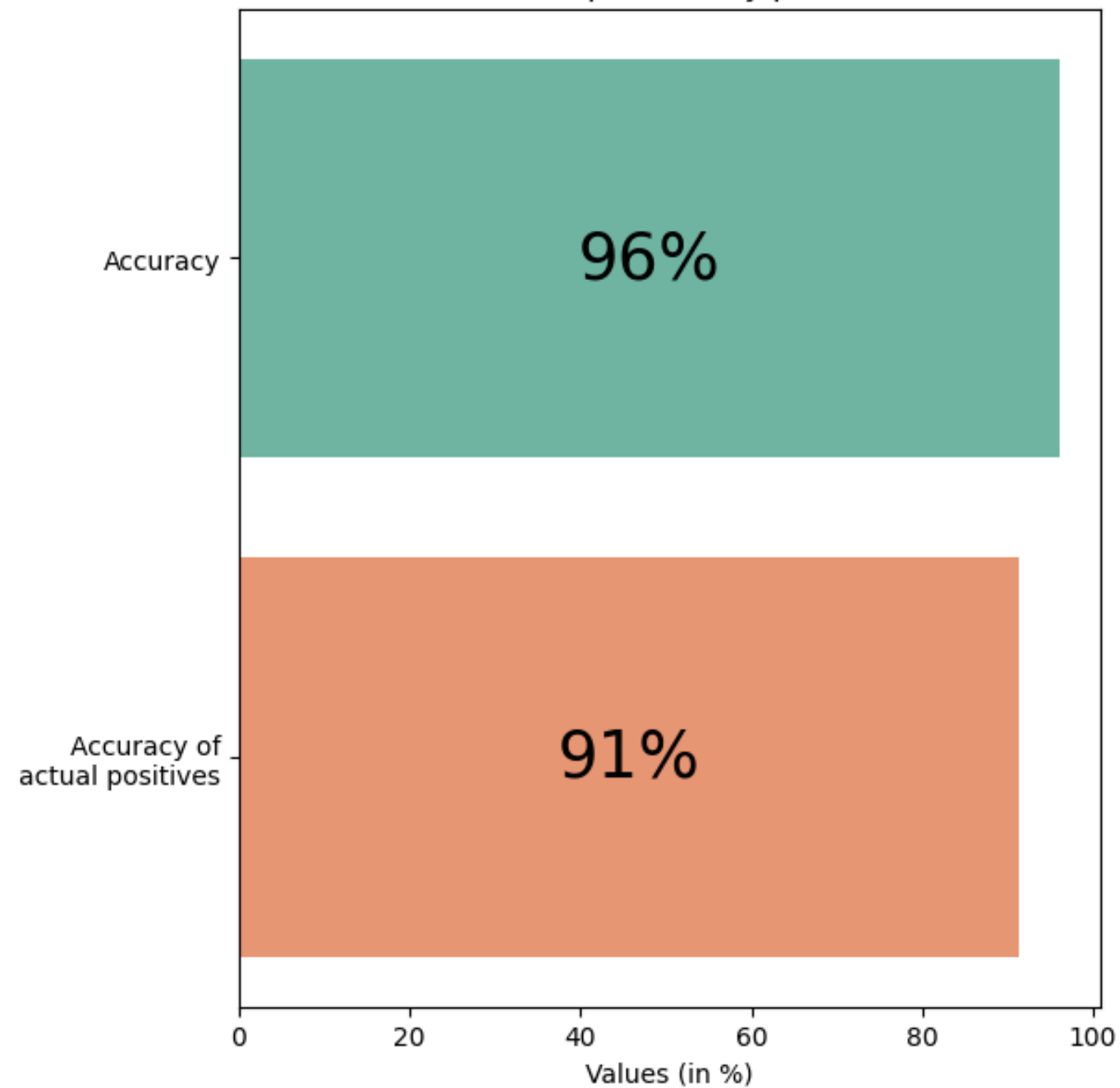
### Useful for...

- Assisting doctors **read MRI Scans**, where Alzheimer advancements may not be clearly visible.
- Reading several MRIs **by manufacturer or type**.

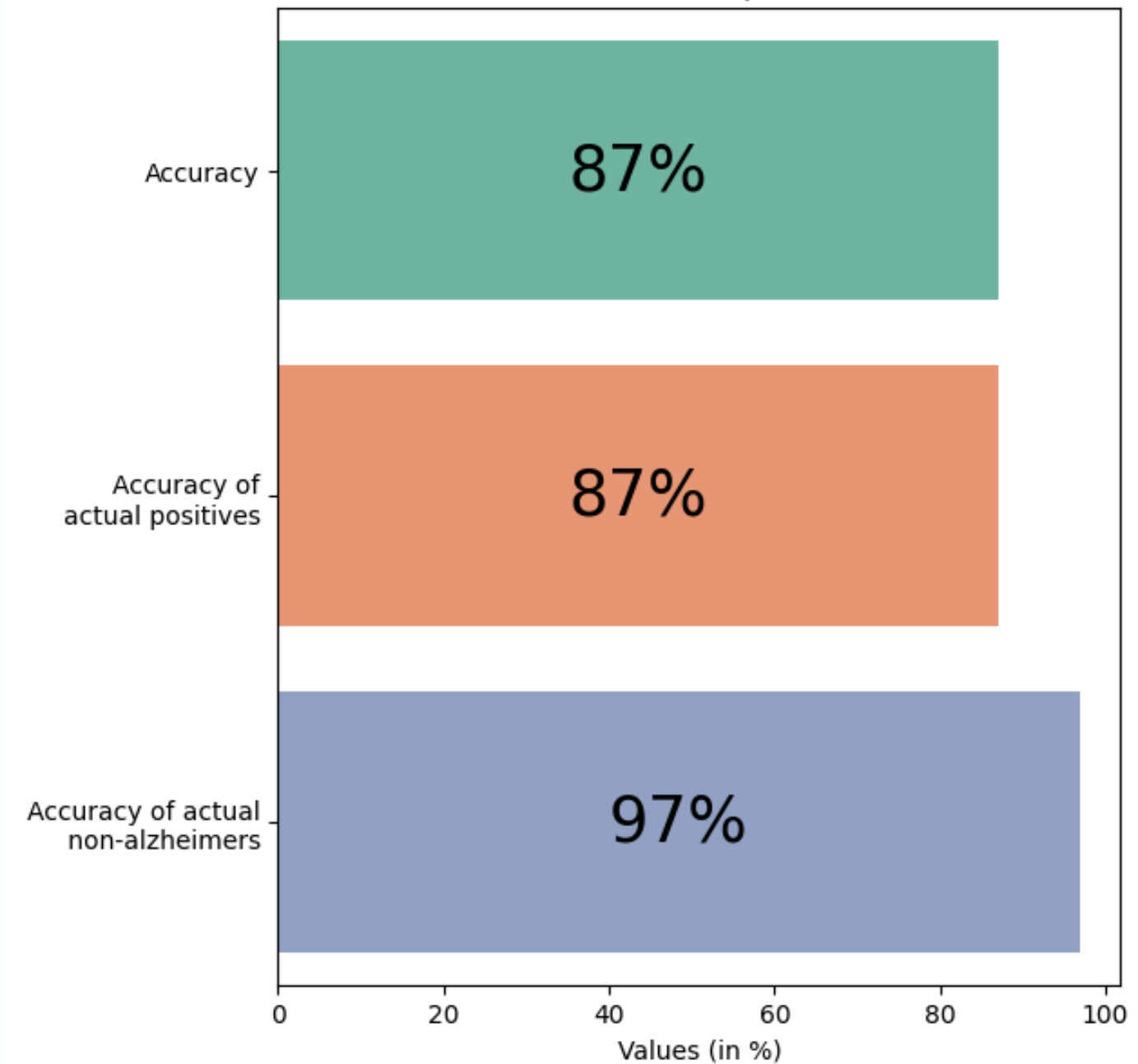


# Is the tool good at predicting?

Metrics of preliminary predictor



Metrics of MRI predictor



# Demo time



# Thank you

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