# BIAS AND THE BLACK BOX PROBLEM

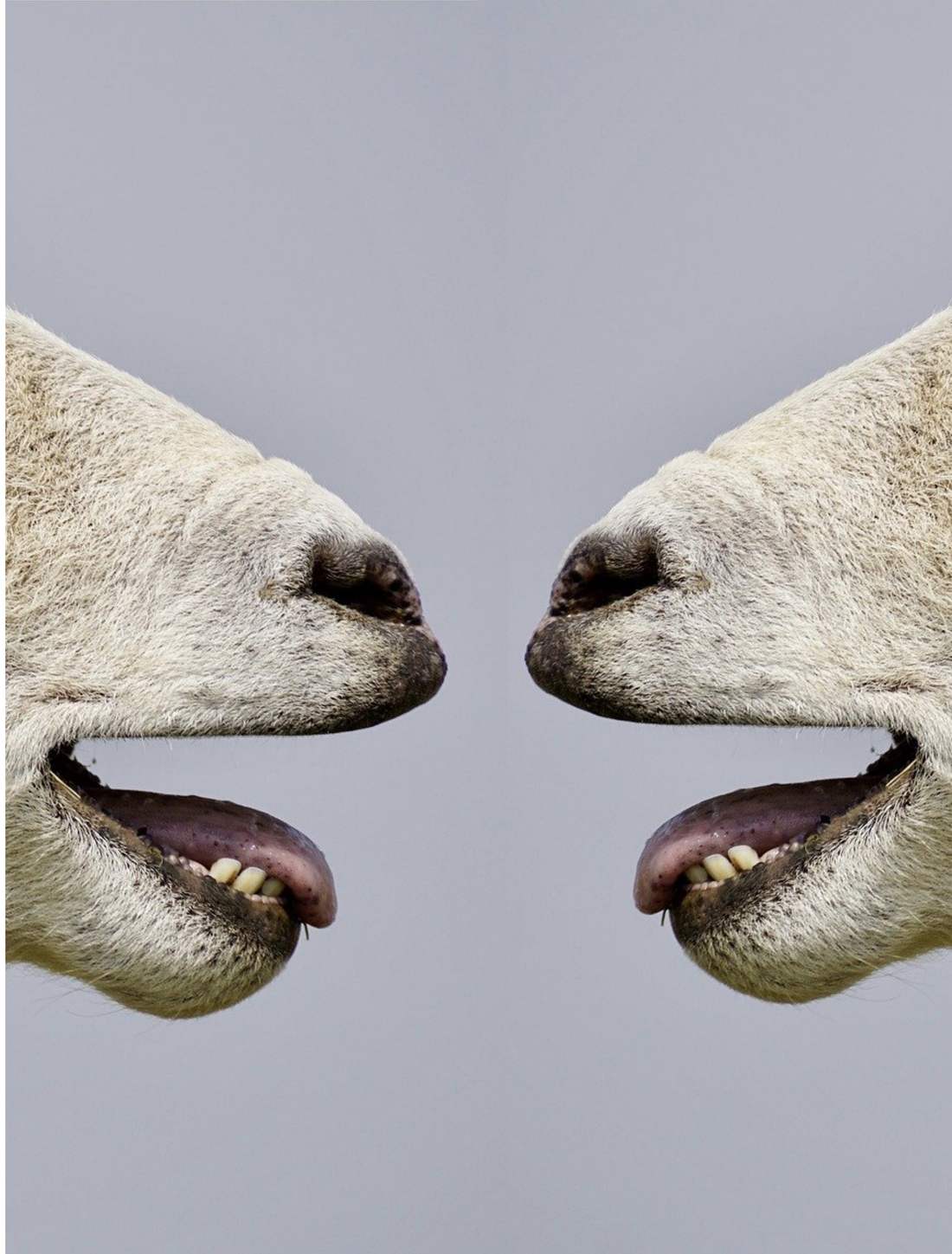
# SIZES AND WEIGHTS

## WHY DOES AI MAKE A PREDICTION?



# AI CANNOT ARGUE

IBM tried to promote its Watson supercomputer as an important cancer detection tool, but the (human) oncologists simply did not trust the system. Two oncologists can argue, but that cannot be done with an AI model.



# EXPLAINABLE AI

AI that can explain why a prediction has been made



# CHOICE OF TRAINING DATA

A dataset is always a selection



# PREJUDICES

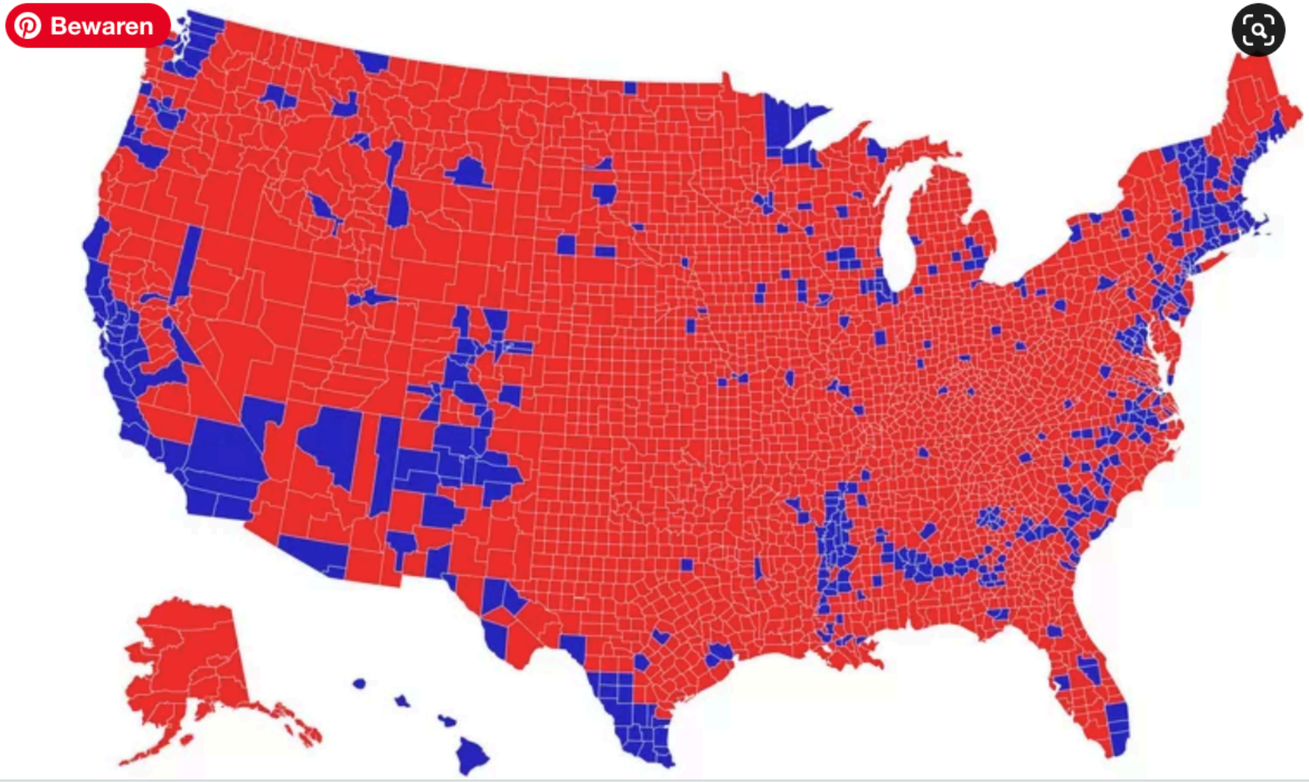
BIAS is not just racism or the exclusion of certain groups

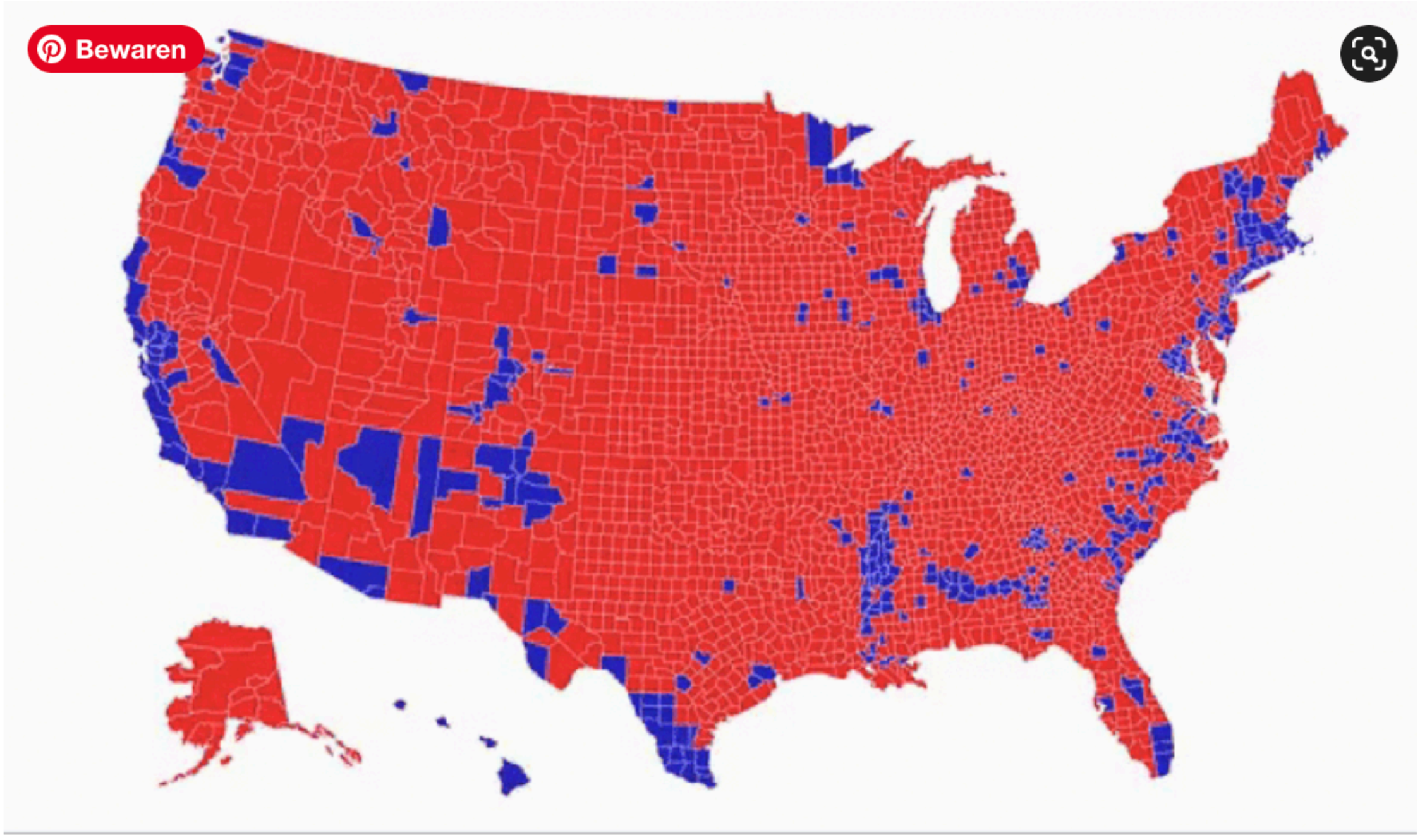


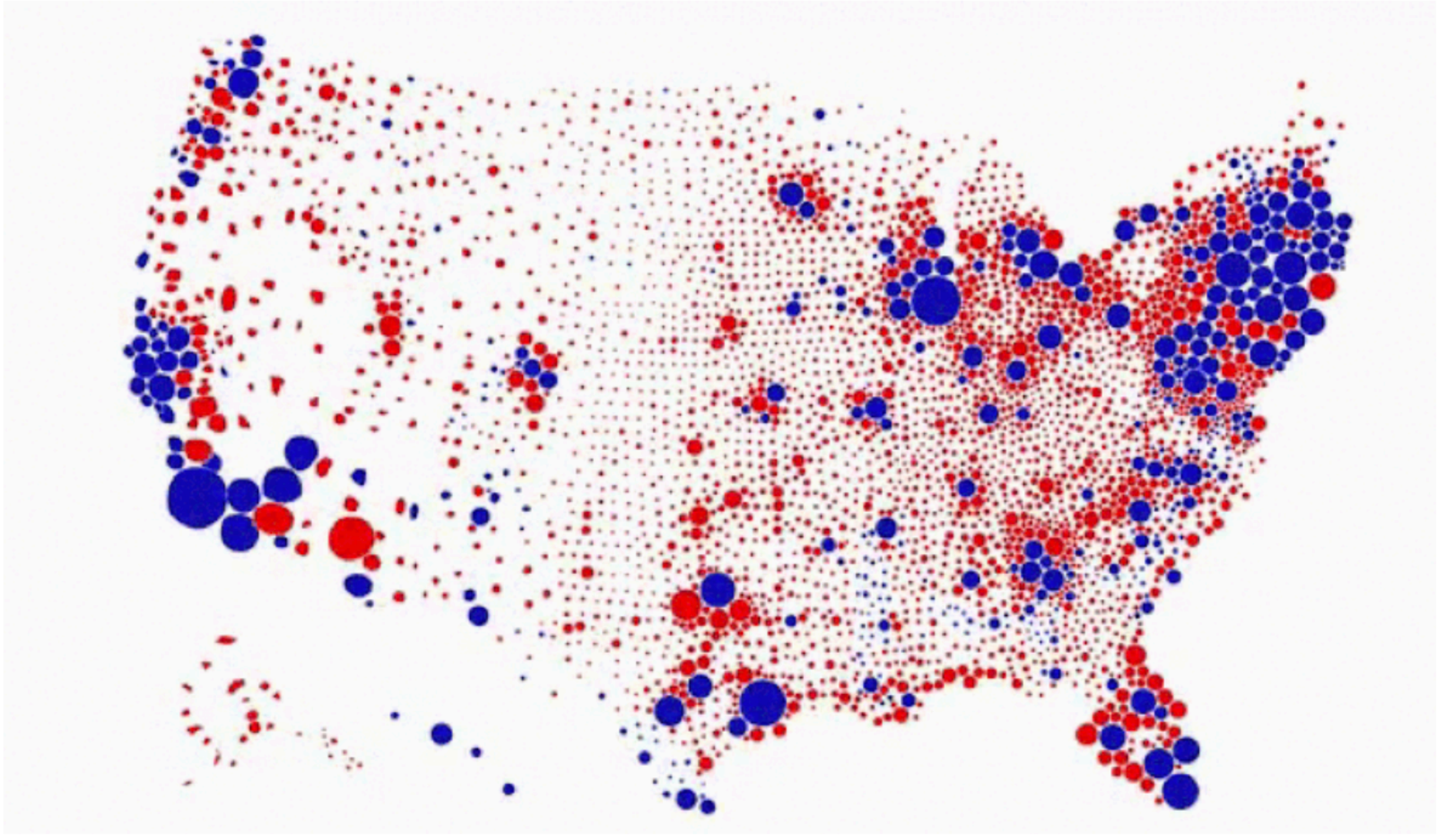
# BIAS CREATES A DISTORTED PICTURE

DATA VISUALIZATION

# Verkiezingskaarten in VS geven vertekend beeld van politieke voorkeuren. Deze Belg maakte een alternatief




Bewaren



# ARE ALL DATA EQUALLY “VALUABLE”?

THE VALUE OF DATA

