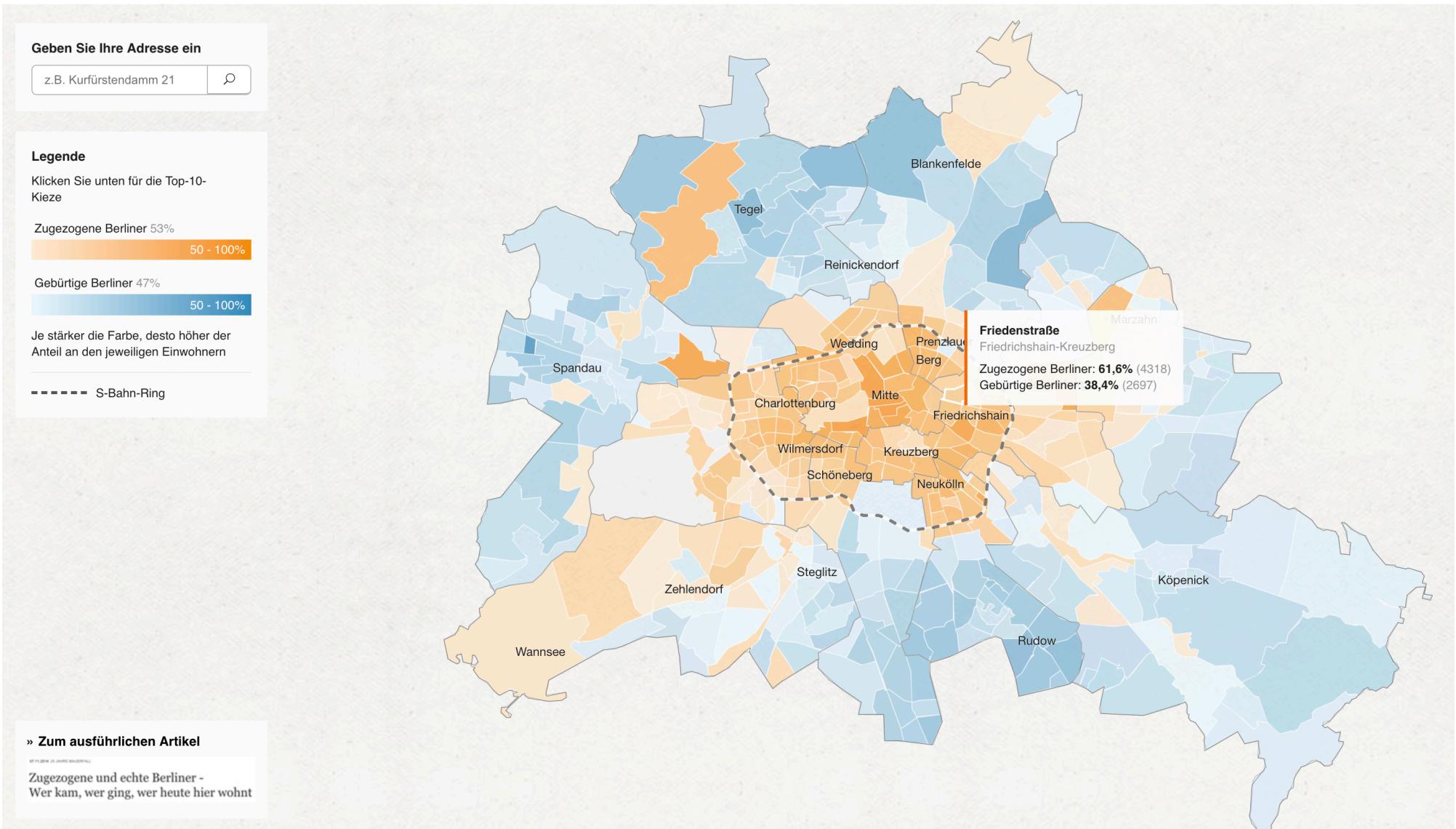


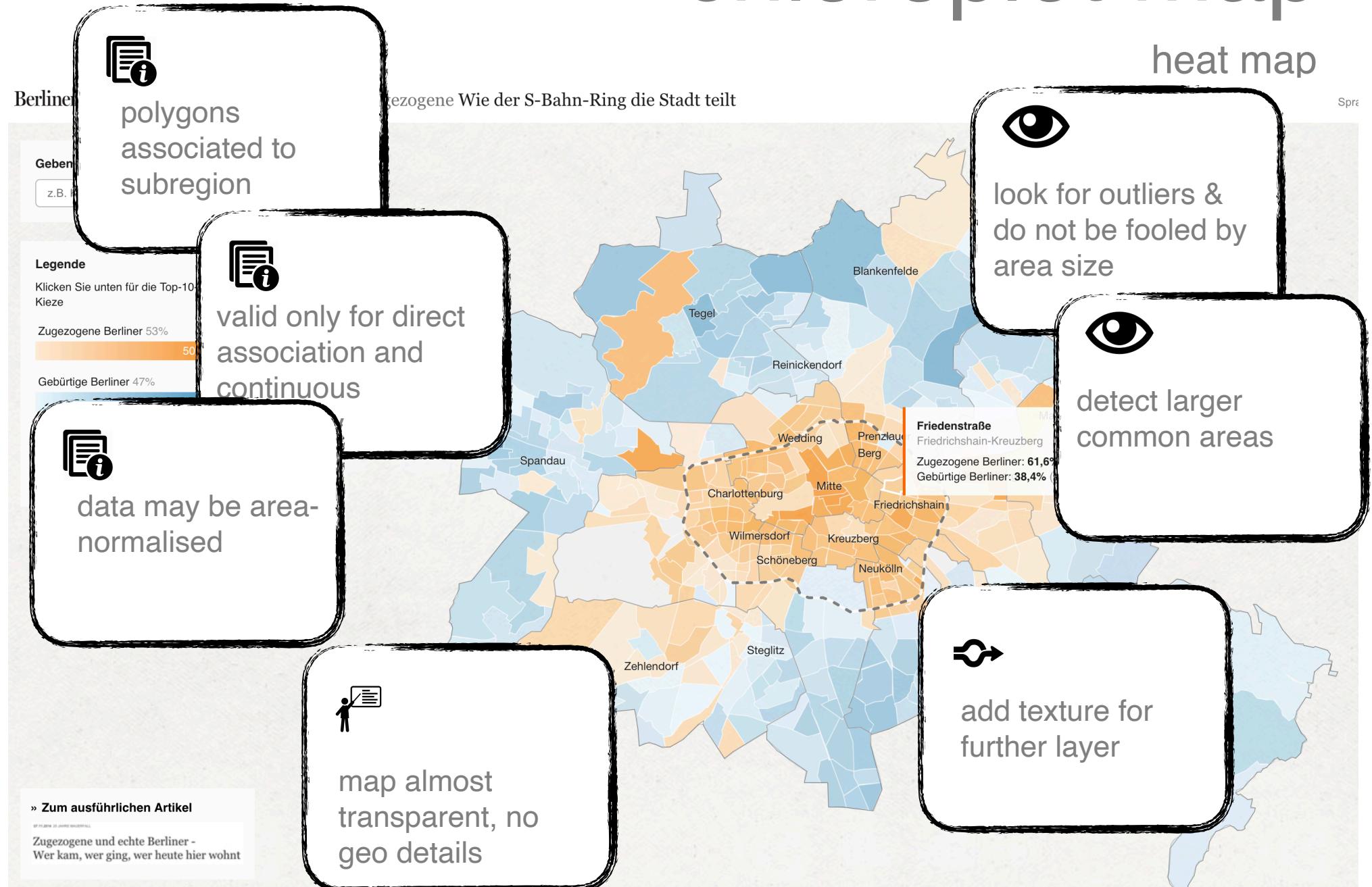
chloroplet map

Berliner Morgenpost Echte Berliner und Zugezogene Wie der S-Bahn-Ring die Stadt teilt

Språk

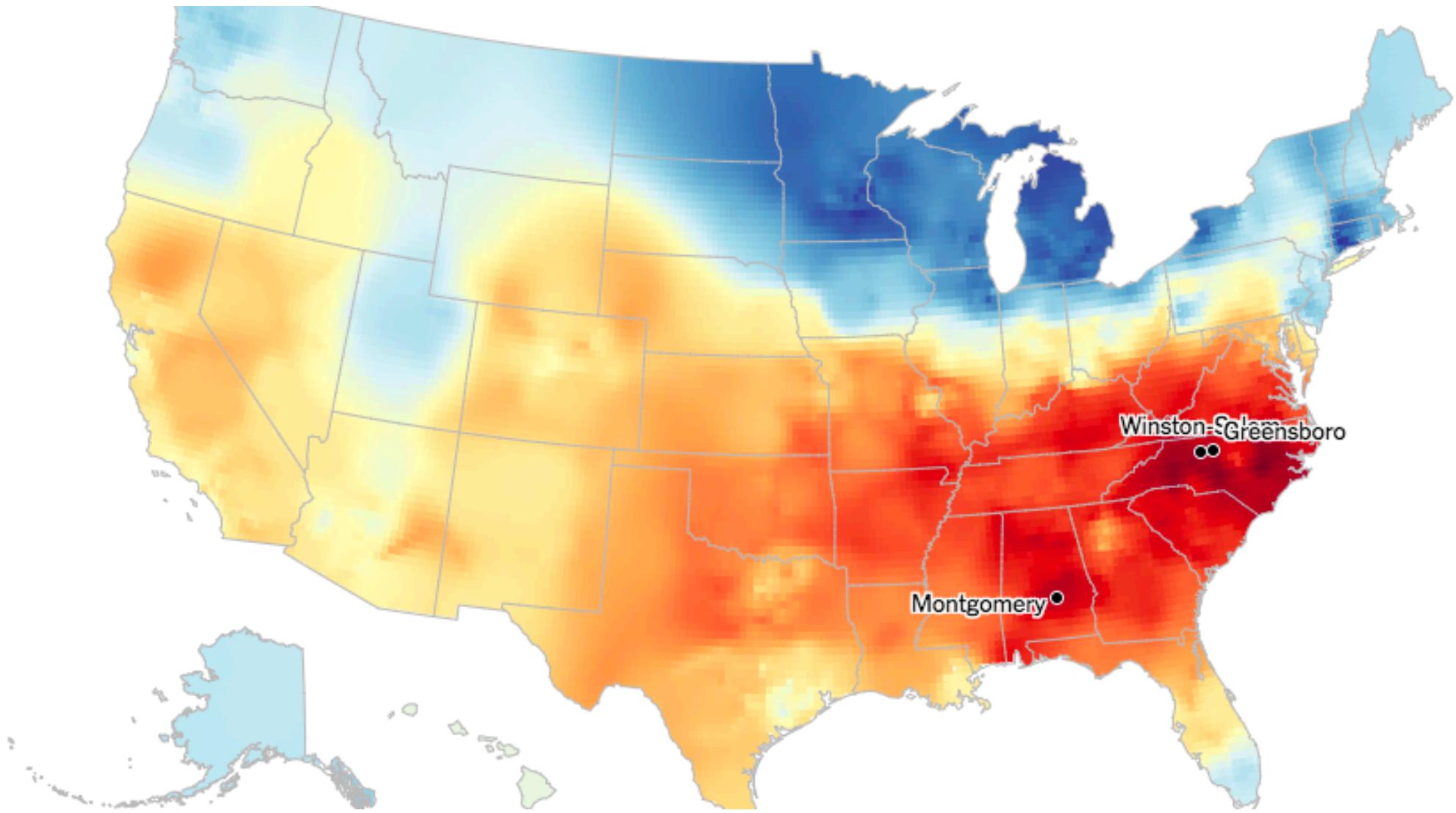


chloroplet map



isarithmic map

contour map, isopleth map, isochrone map



charts

isarithmic map

contour map, isopleth map, isochrone map



better when data
and subregional
borders do not
match



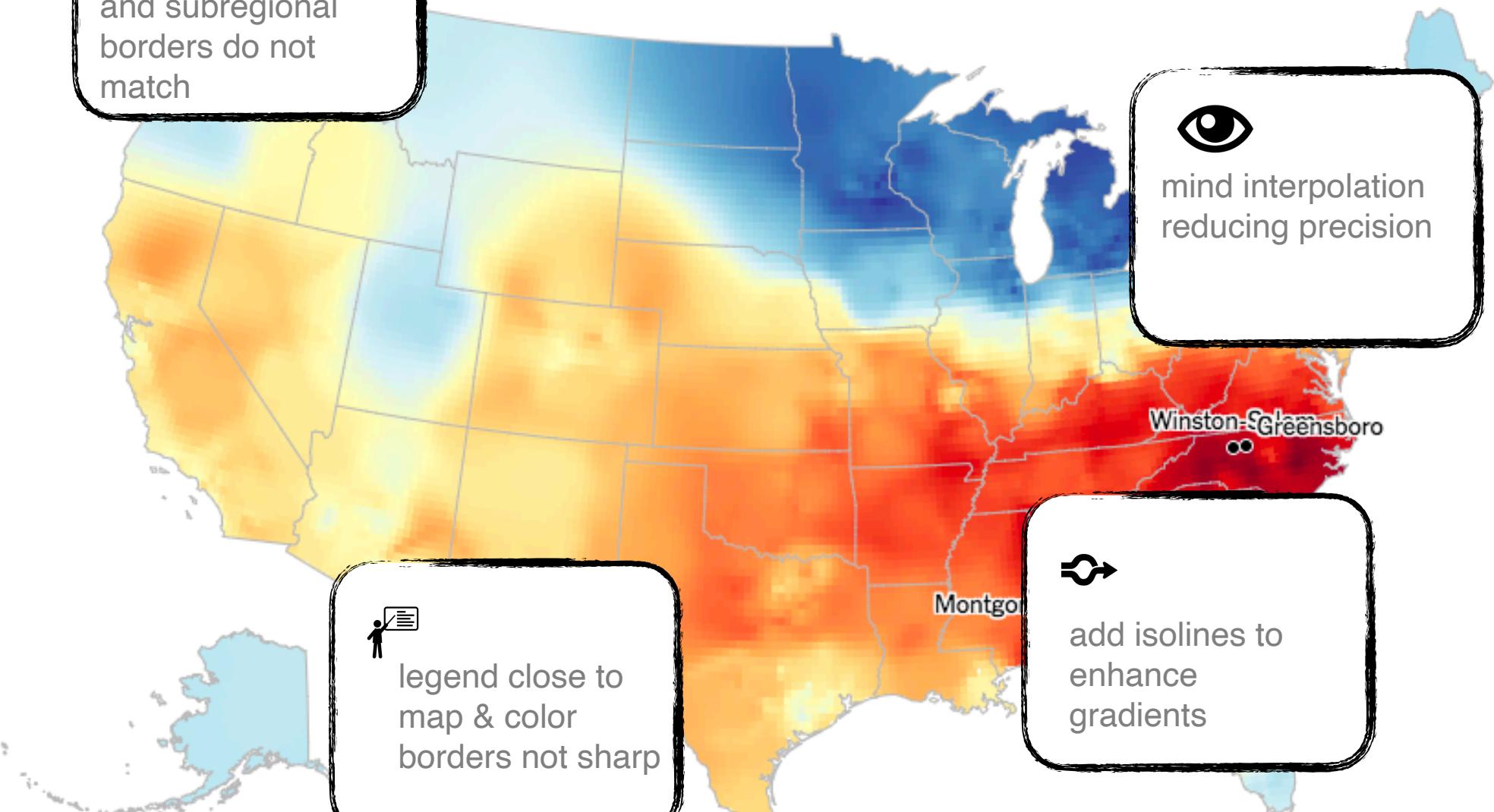
mind interpolation
reducing precision



legend close to
map & color
borders not sharp



add isolines to
enhance
gradients

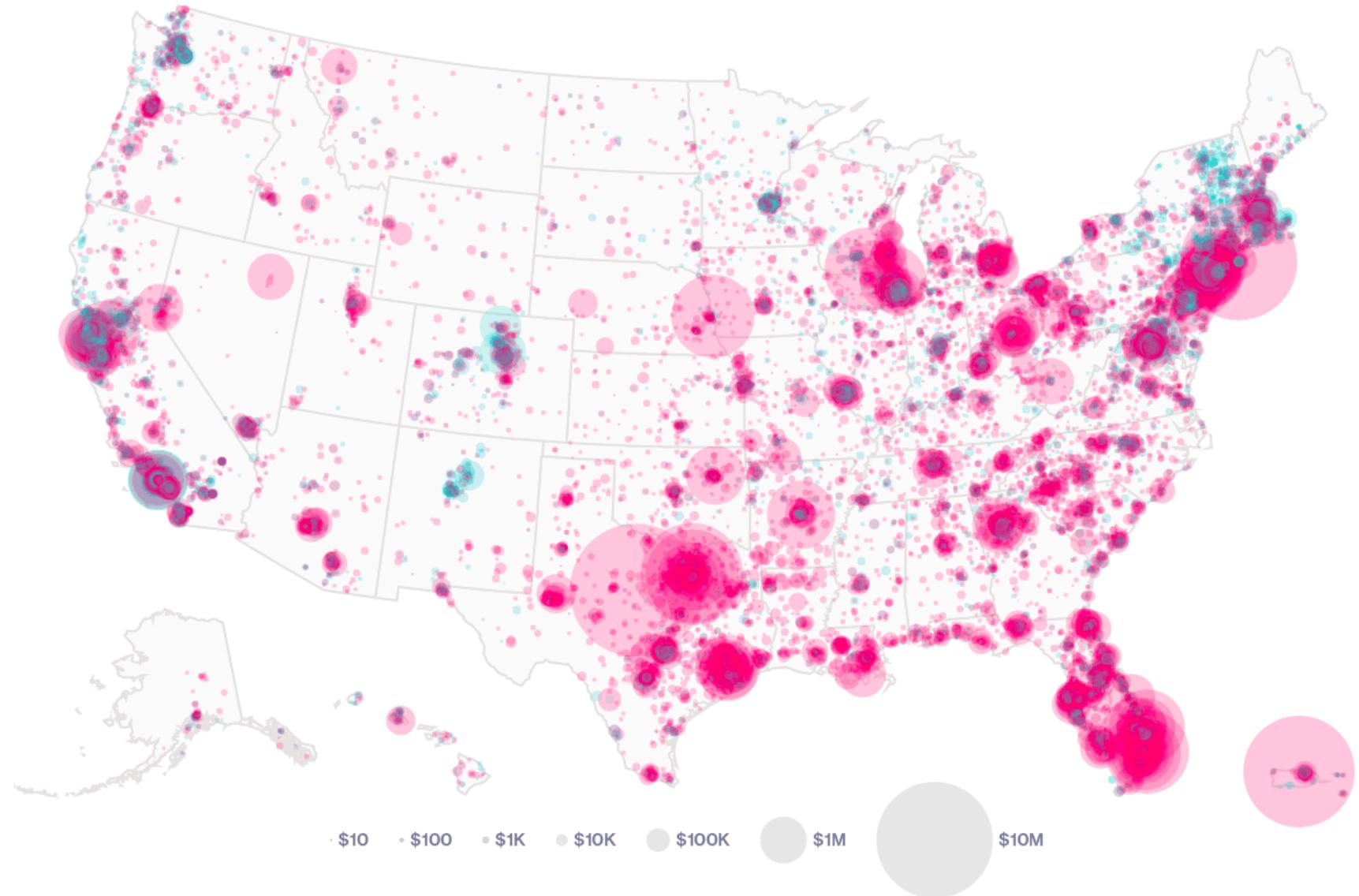


[map of dialect similarity]

proportional symbol map

charts

graduated symbol map



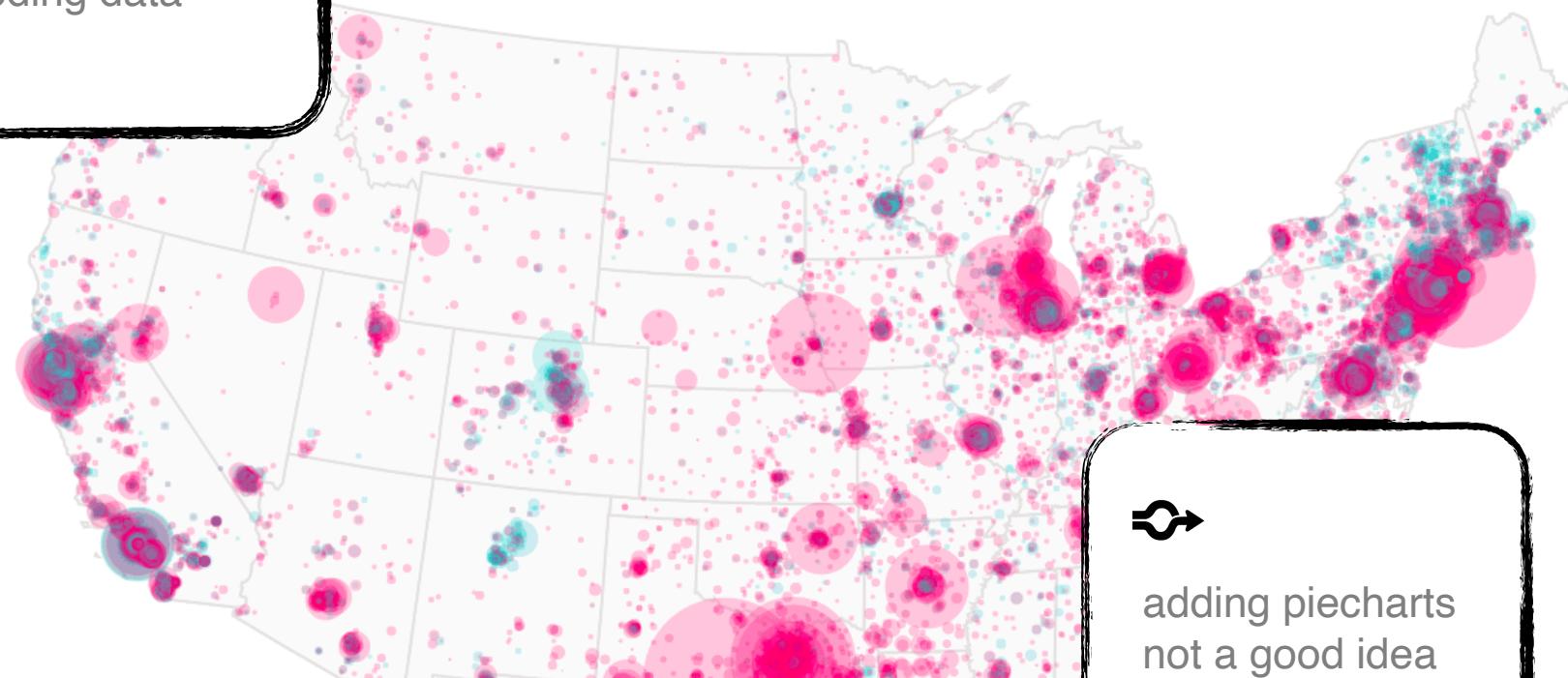
proportional symbol map

charts



area size and color
encoding data

graduated symbol map



adding piecharts
not a good idea



mind overlap of
different colors

\$10K

\$100K

\$1M

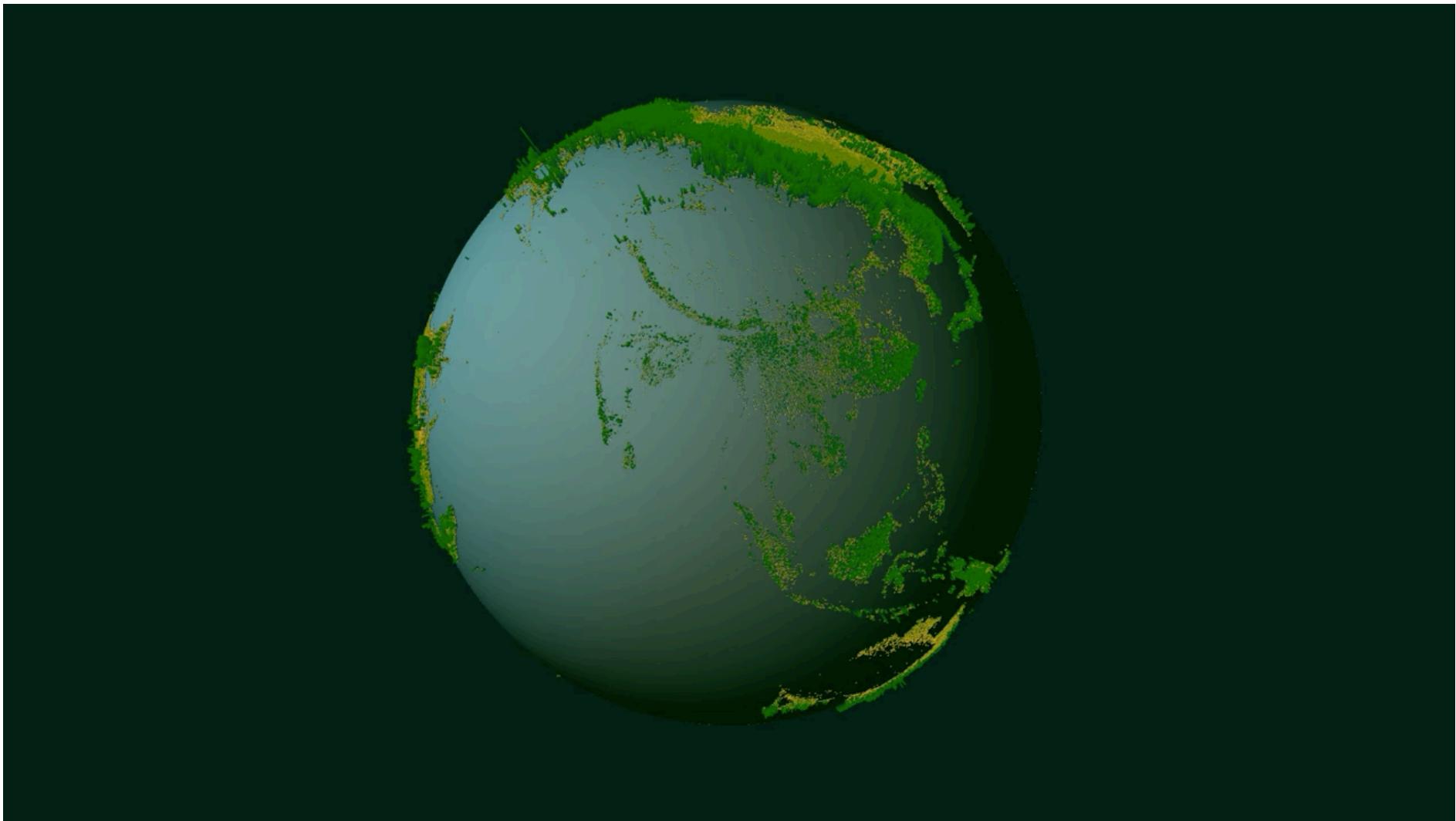
\$10M

[where the candidates' cash come from]

chrts

prism map

isometric map, spike map, datascape



chrts

prism map

isometric map, spike map, datascape



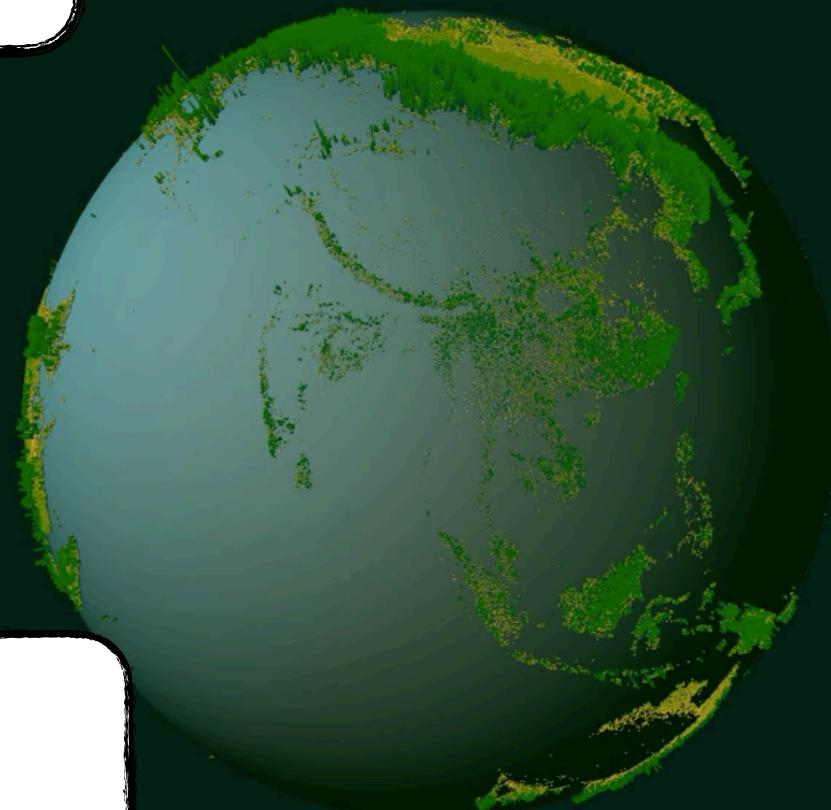
only for gist of data
— 3d difficult to interpret



use of light on the surface



interaction essential



[trillions of trees]

chrts

dot map

dot distribution map, pointillist map, location map

[racial dot map]



dot map

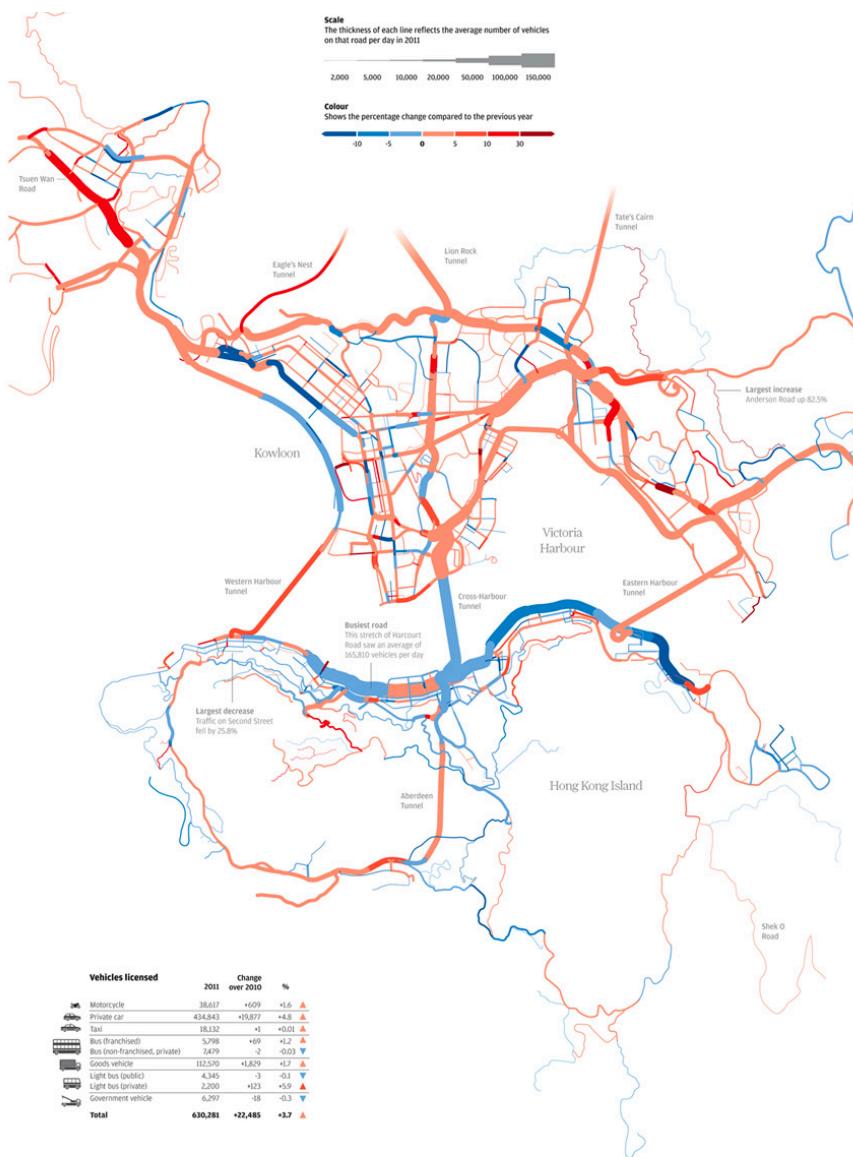
dot distribution map, pointillist map, location map

[racial dot map]



flow map

connection map, route map, stream map, particle flow map



[arteries of the city]

chrts

flow map

connection map, route map, stream map, particle flow map



many marks & attributes



many annotations
essential



animated
sequences help
greatly



reconstruct
dynamics

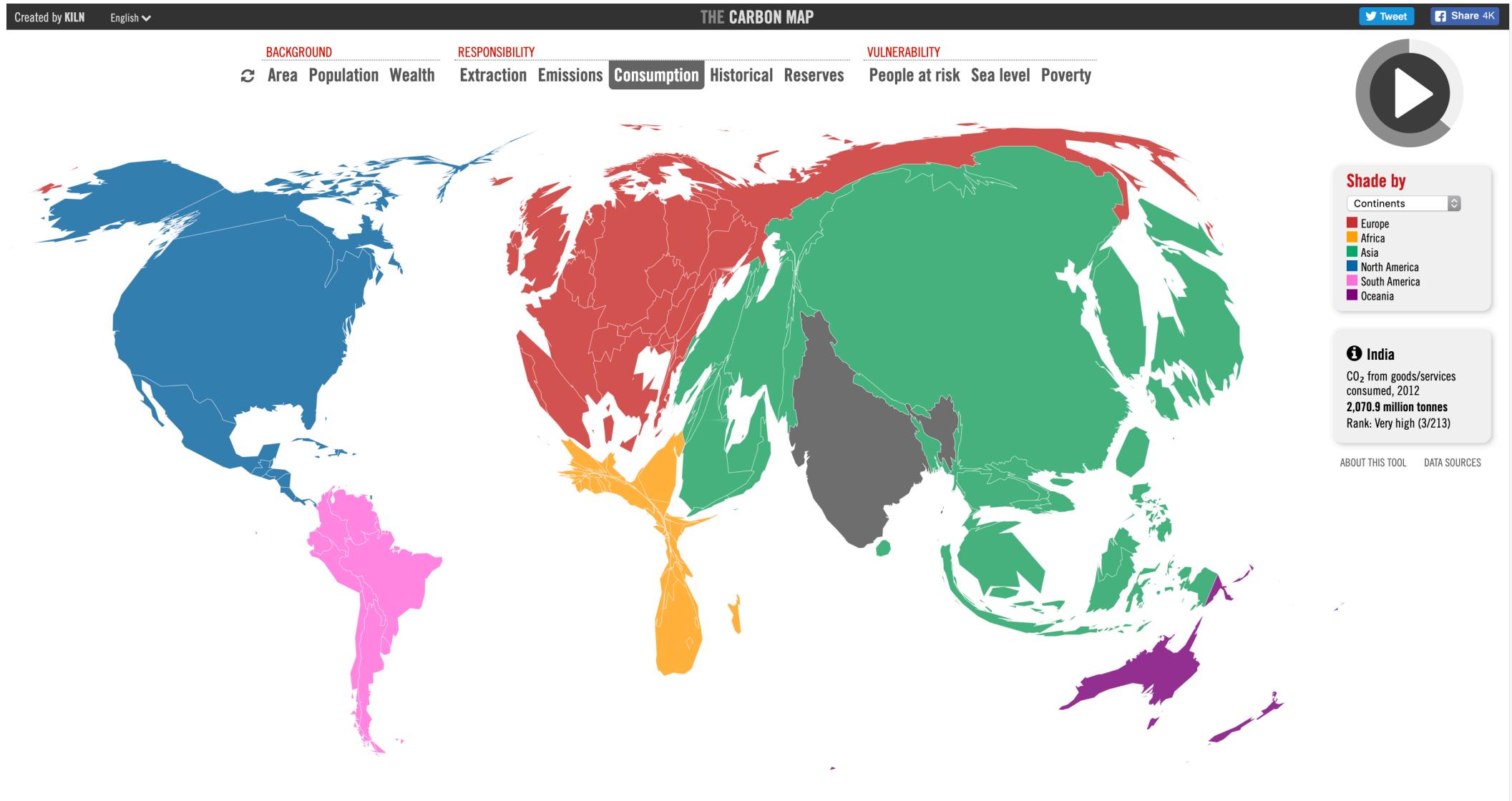


use geo distortion
if helps
readability

[arteries of the city]

area cartogram

density-equalising map



chrts

area cartogram

density-equalising map

Created by KILN



need the user know
the real country
shape/size

THE CARBON MAP

Tweet

Share 4K

RESPONSIBILITY

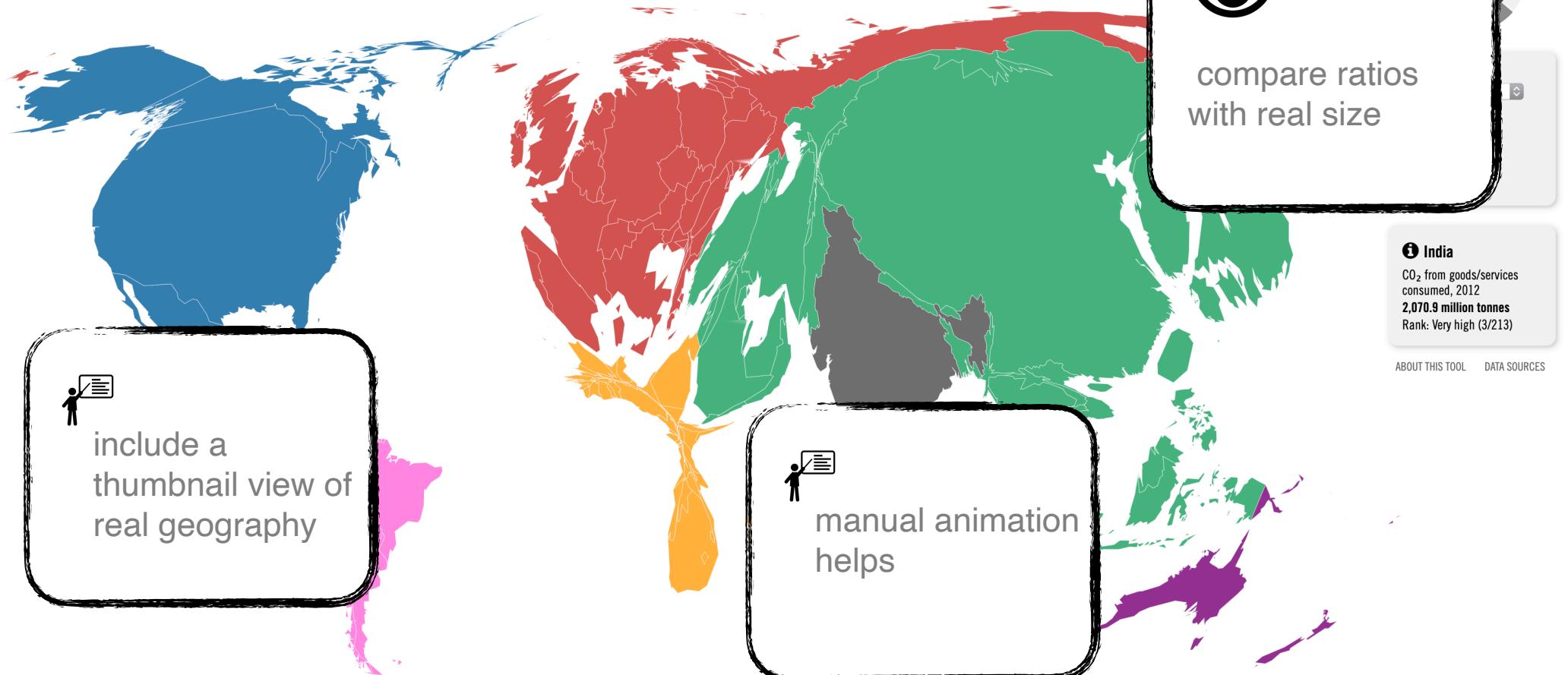
Extraction Emissions

Consumption

Historical Reserves

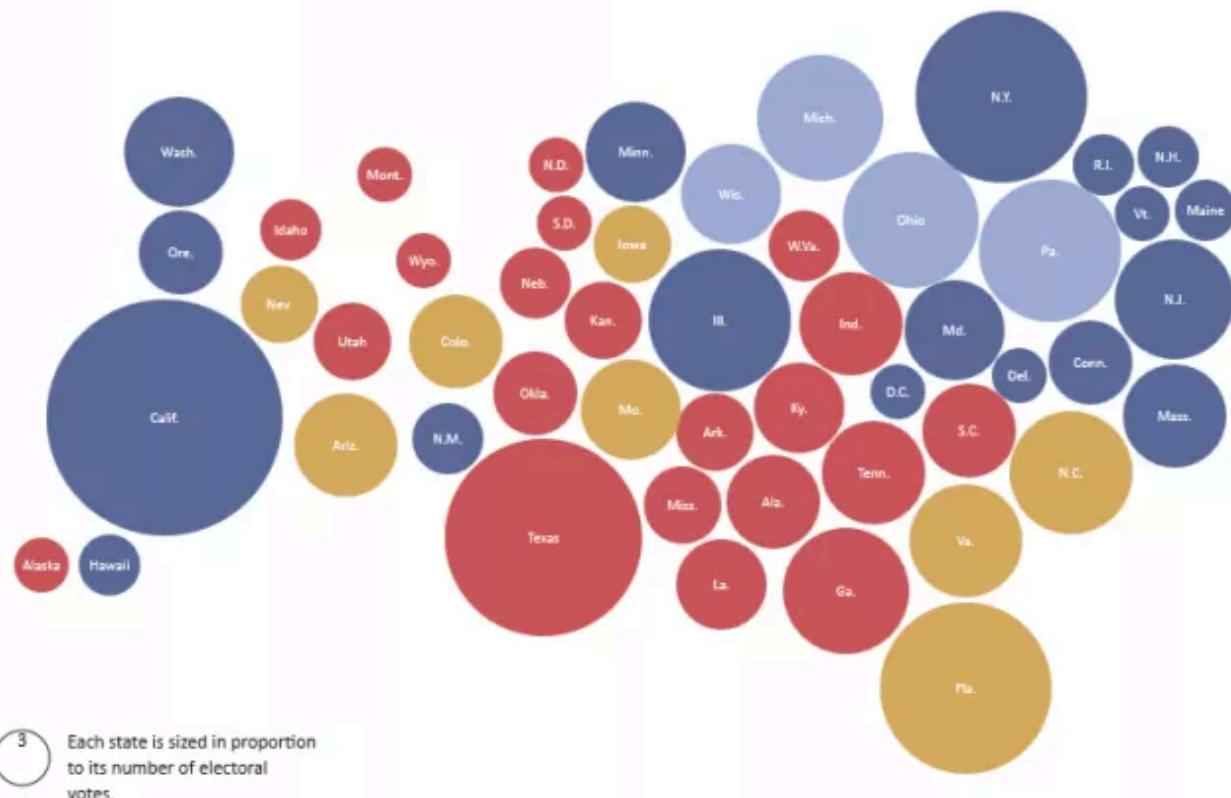
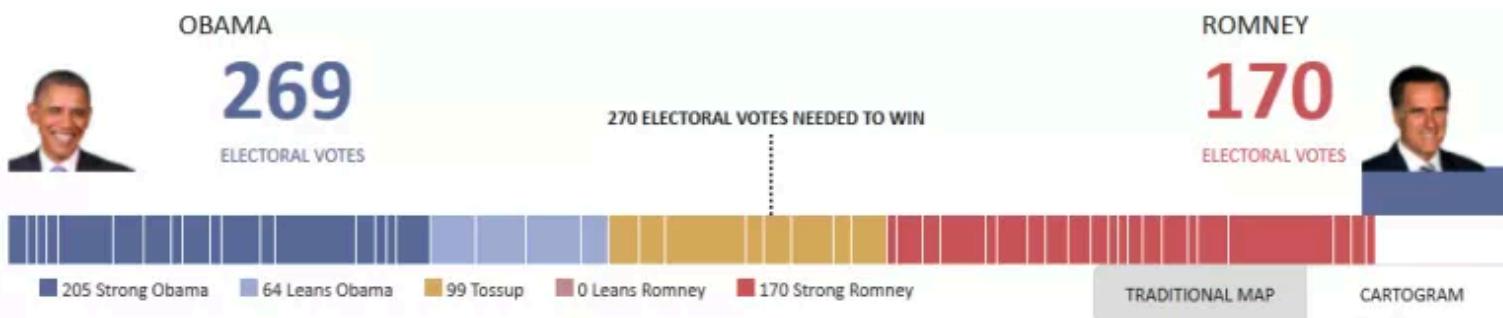
VULNERABILITY

People at risk Sea level Poverty



dorling cartogram

demers map



dorling cartogram

OBAMA

269

ELECTORAL VOTES



ROMNEY

170

ELECTORAL VOTES



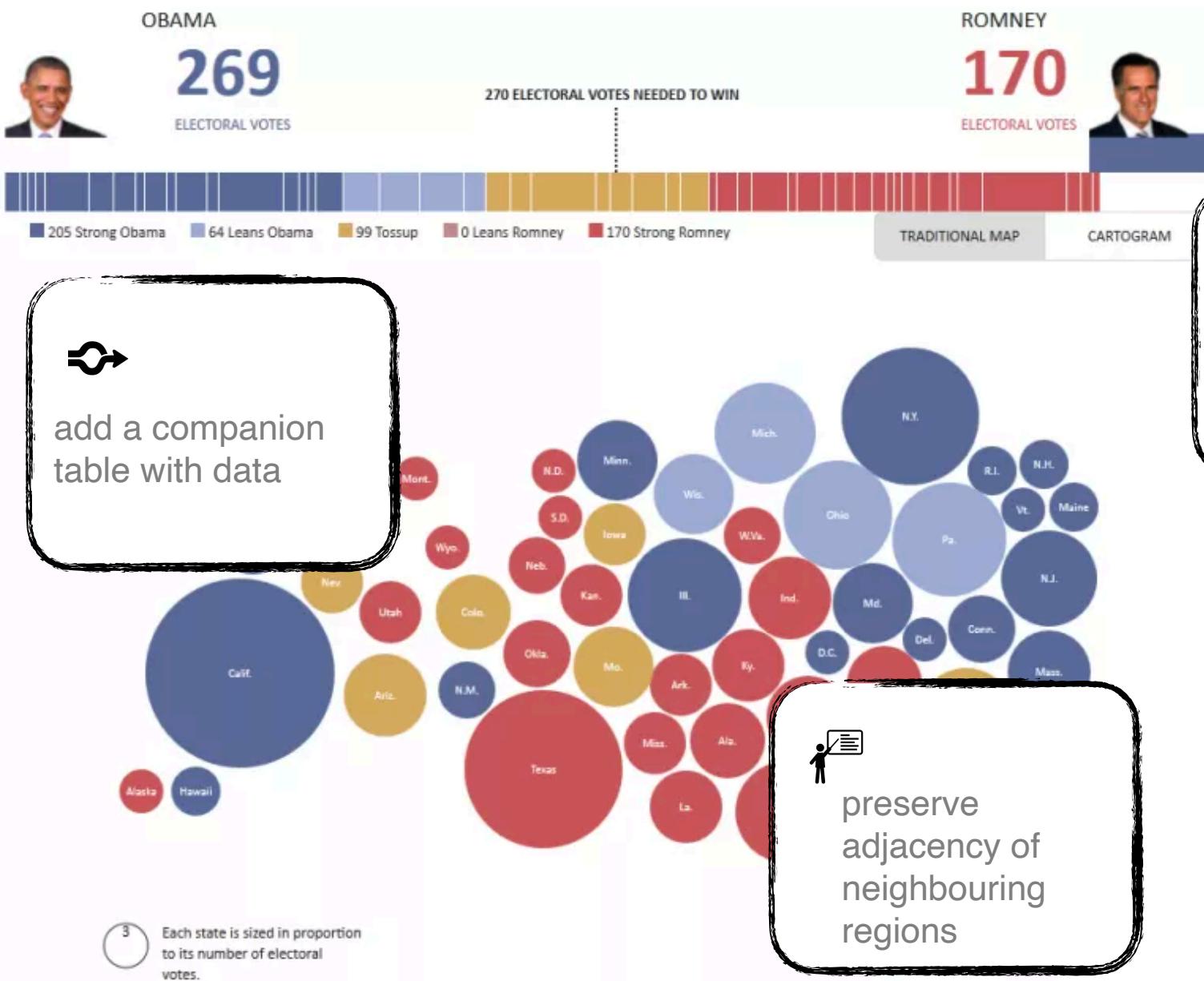
demers map

■ 205 Strong Obama ■ 64

add a companion
table with data

match marks with
underlying
geography

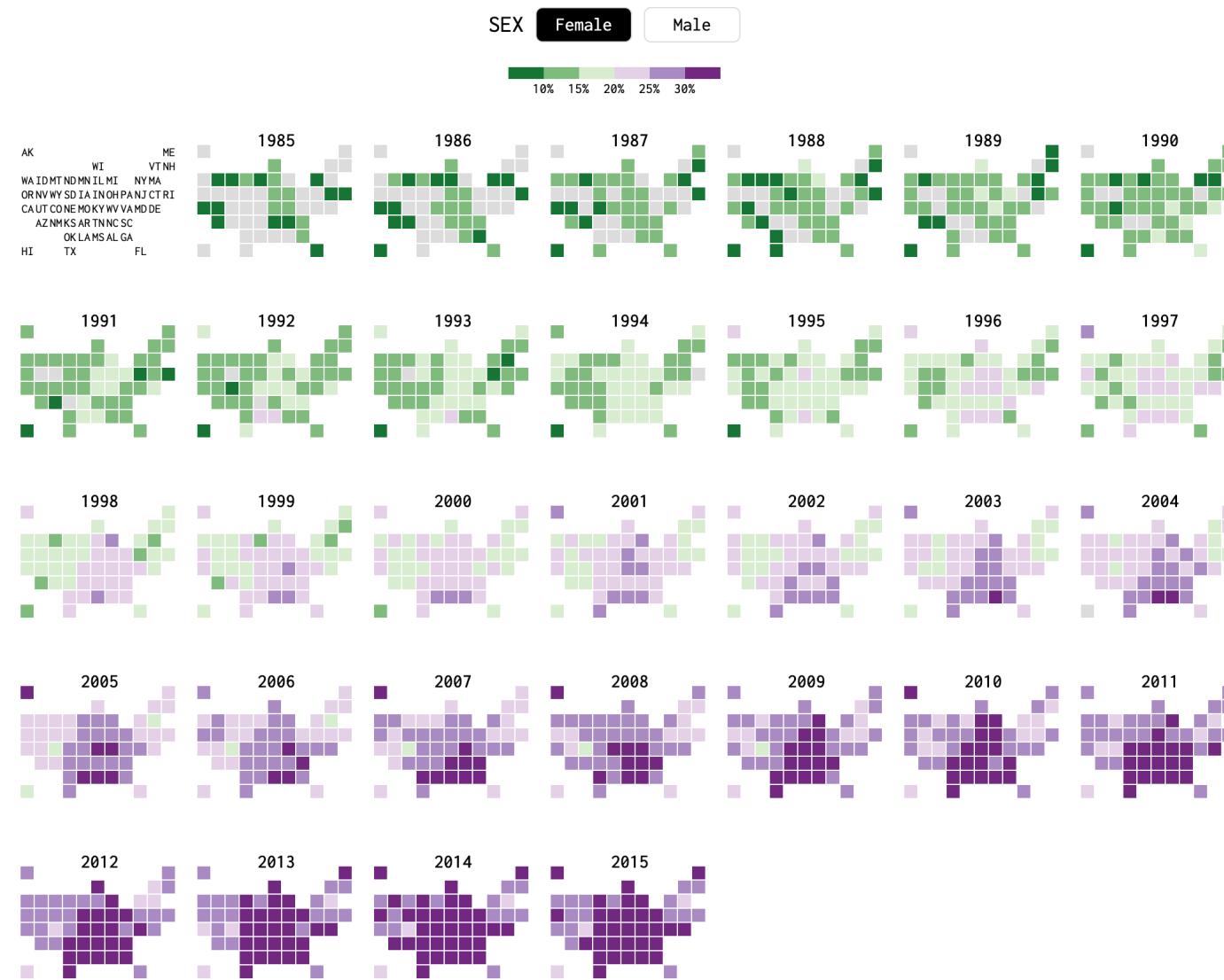
preserve
adjacency of
neighbouring
regions



charts

grid map

cartogram, bin map, equal-area cartogram, hexagon bin map



[mapping the spread of obesity]

charts

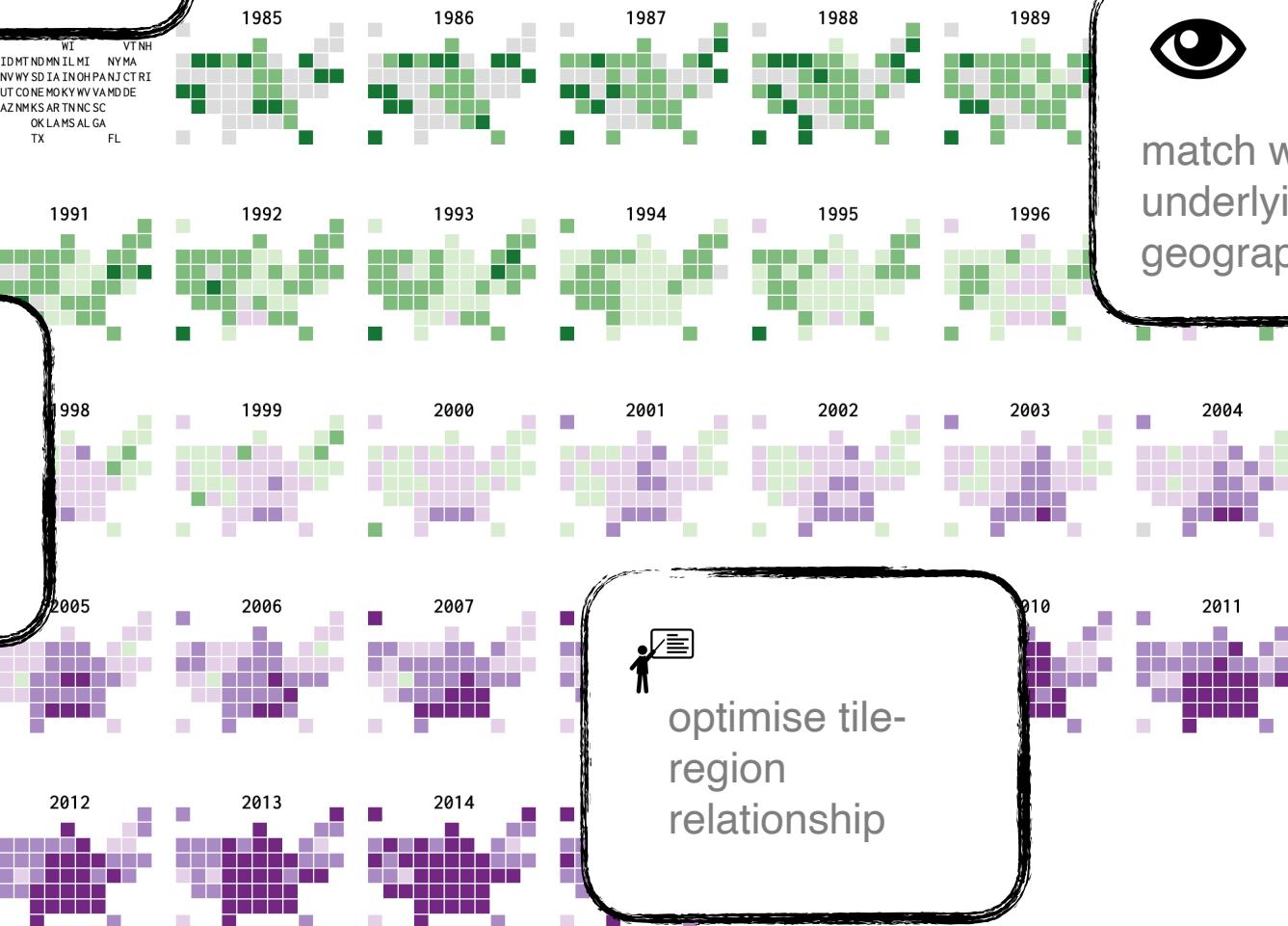
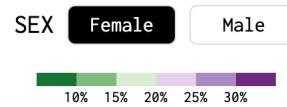
grid map



using tiles for regions, no area attribute

WI VT NH
WA ID MT ND MN IL MI NY MA
OR NV WY SD IA IN OH PAN J CT RI
CA UT CONE MO KY WV VA MD DE
AZ NM KS AR TN NC SC
OKLA MS AL GA
HI TX FL

grid map, bin map, equal-area cartogram, hexagon bin map



not necessarily applied to maps



match with underlying geography



optimise tile-region relationship

[mapping the spread of obesity]