Publicación de cartografía para la web

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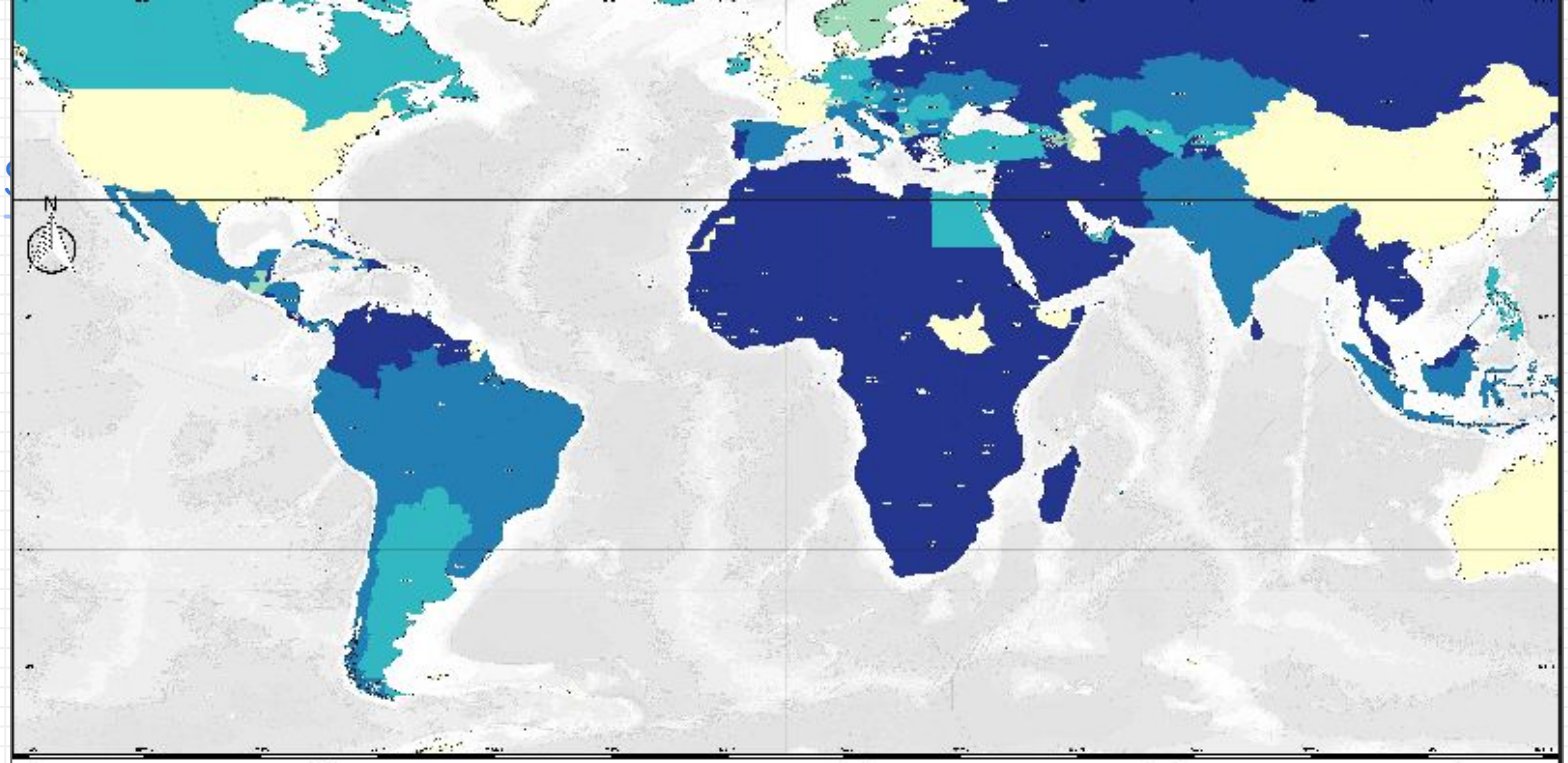
3. Cartografía

Introducción a la Cartografía

Métodos de clasificación

Cuáles utilizan?



UNIVERSIDAD SERGIO ARBOLEDA

ASIGNATURA:

TITULO:

PRESENTADO POR:

DOCENTE:

2500 0 2500 5000 7500 10000 km

CONVENCIONES

Intervalos Año 2020

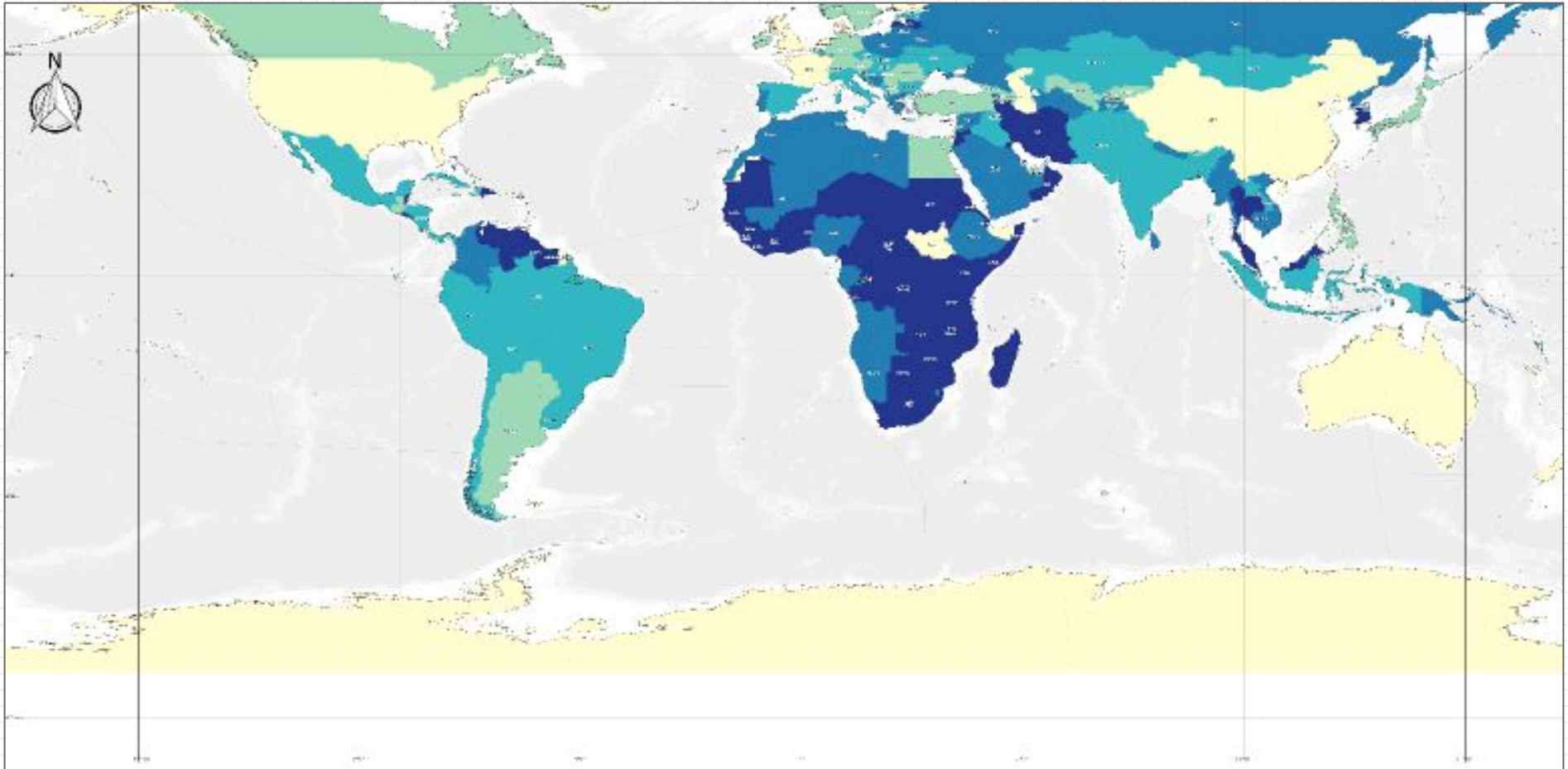
0 - 0

0.0 - 5.60

8.80 - 12.30

12.30 - 17.30

17.30 - 37.70



UNIVERSIDAD SERGIO ARBOLEDA

MESTRIA:

Sistema de Referencia Espacial

DONVENCIONES

CITACIÓN

Cuáles utilizan?

WHAT YOUR FAVORITE MAP PROJECTION SAYS ABOUT YOU

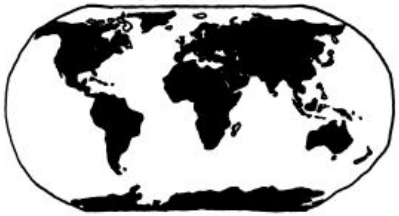
MERCATOR

YOU'RE NOT REALLY INTO MAPS.

VAN DER GRINTEN

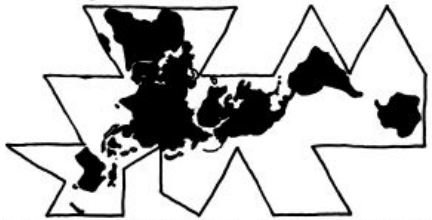
YOU'RE NOT A COMPLICATED PERSON. YOU LOVE THE MERCATOR PROJECTION; YOU JUST WISH IT WEREN'T SQUARE. THE EARTH'S NOT A SQUARE, IT'S A CIRCLE. YOU LIKE CIRCLES. TODAY IS GONNA BE A GOOD DAY!

ROBINSON

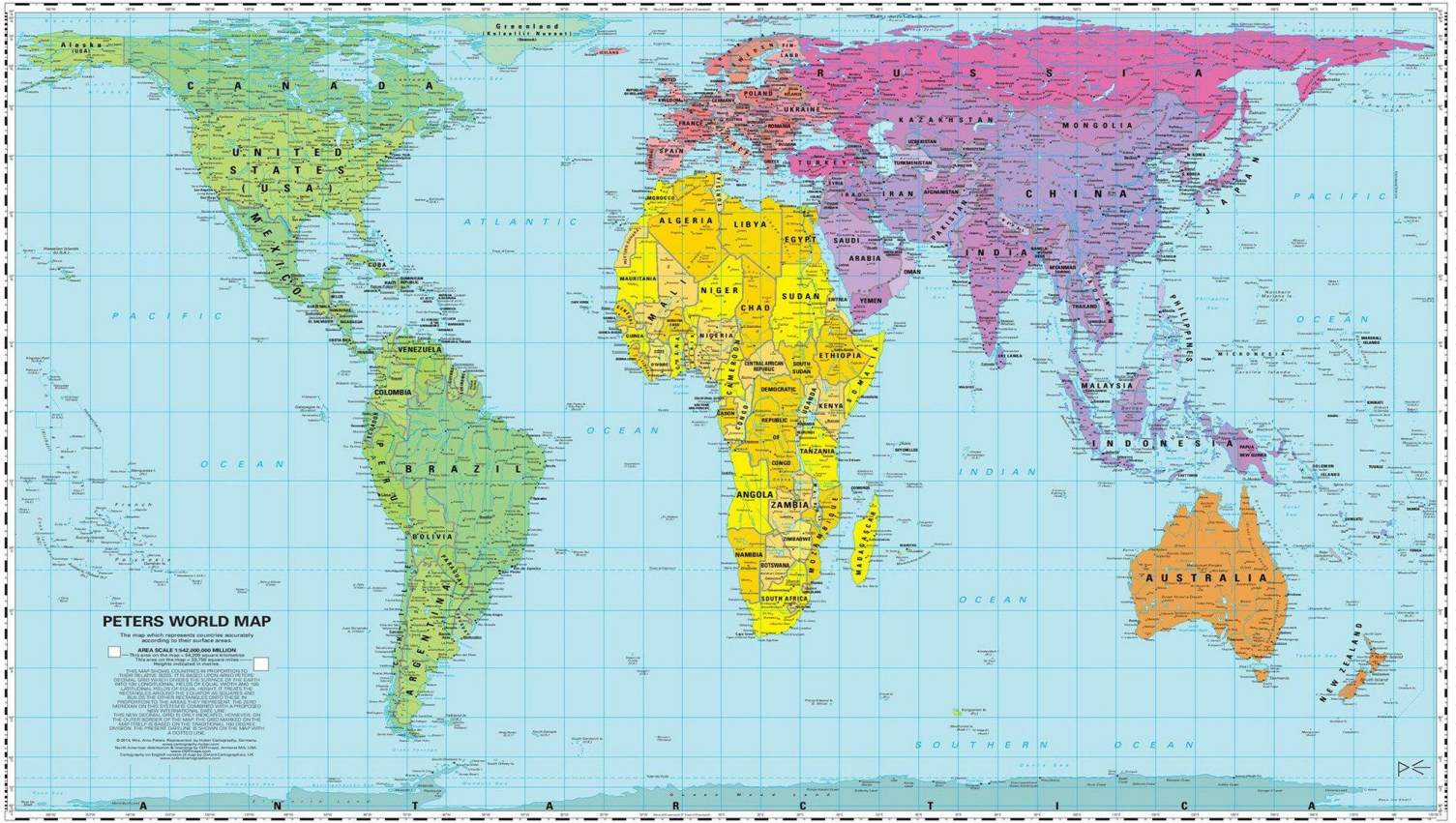


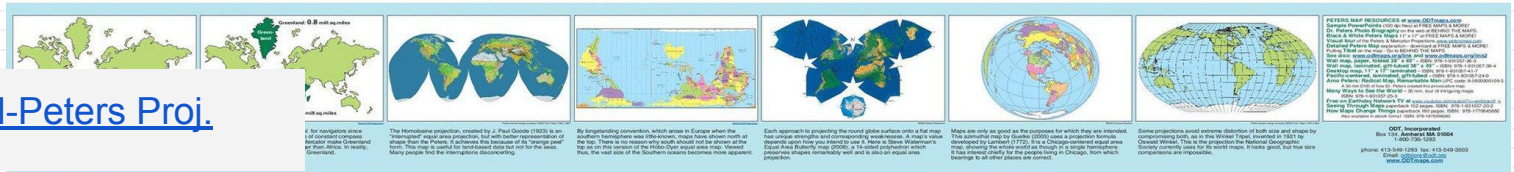
YOU HAVE A COMFORTABLE PAIR OF RUNNING SHOES THAT YOU WEAR EVERYWHERE. YOU LIKE COFFEE AND ENJOY THE BEATLES. YOU THINK THE ROBINSON IS THE BEST-LOOKING PROJECTION, HANDS DOWN.

DYMAXION



YOU LIKE ISAAC ASIMOV, XML, AND SHOES WITH TOES. YOU THINK THE SEGWAY GOT A BAD RAP. YOU OWN 3D GOGGLES, WHICH YOU USE TO VIEW ROTATING MODELS OF BETTER 3D GOGGLES. YOU TYPE IN DVORAK.





[Gall-Peters Proj.]

Five map projections for Europe

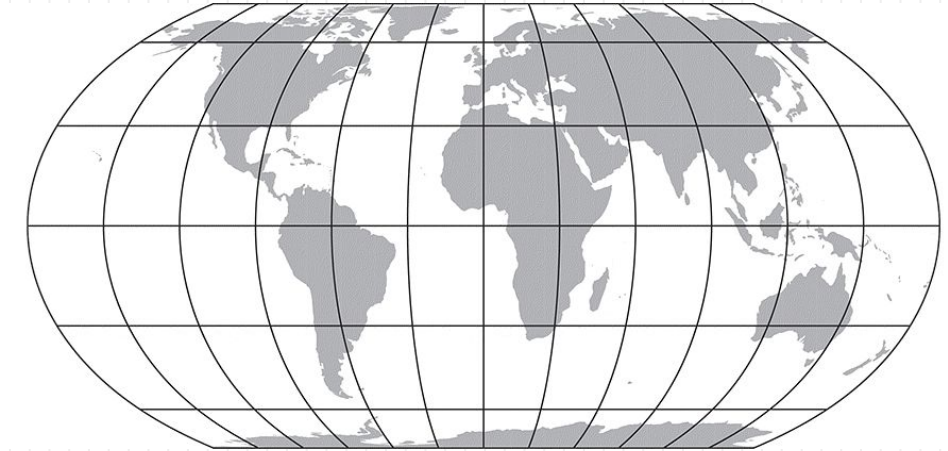
Contents

1. Bonne
2. Equidistant conic
3. Lambert conformal conic
4. Albers equal-area conic
5. Lambert azimuthal equal-area

Equal Earth Projection

*"Developed in 2018, the Equal Earth Projection is gaining in popularity due in part to its ability to maintain accurate area without distortion."**

* https://bit.ly/2XQomQl



http://shadedrelief.com/ee_proj/

Example:

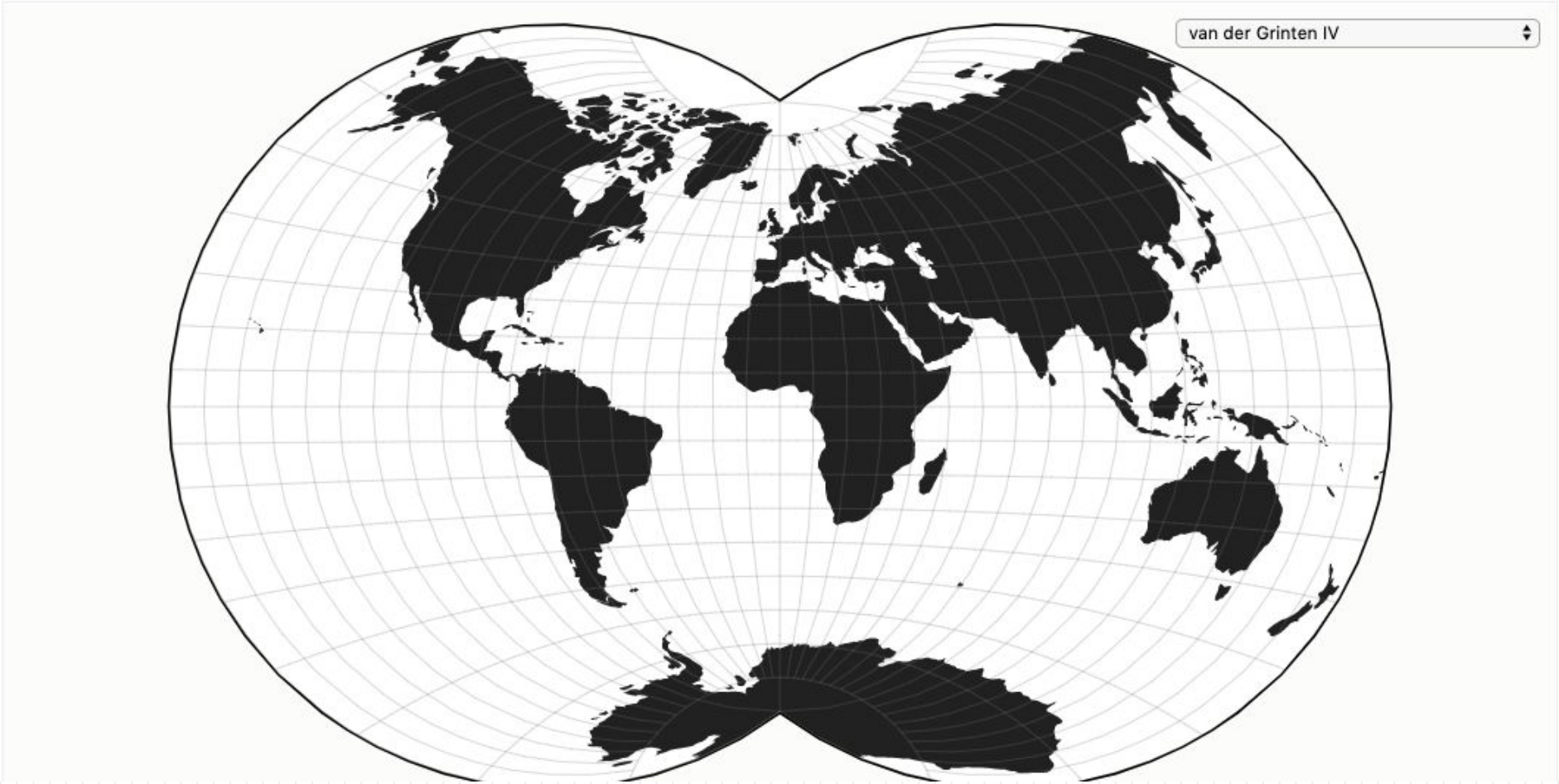
https://bl.ocks.org/makella/ffcd3be98c5354d384008528d0e11fe7

Happy Valentine's day!

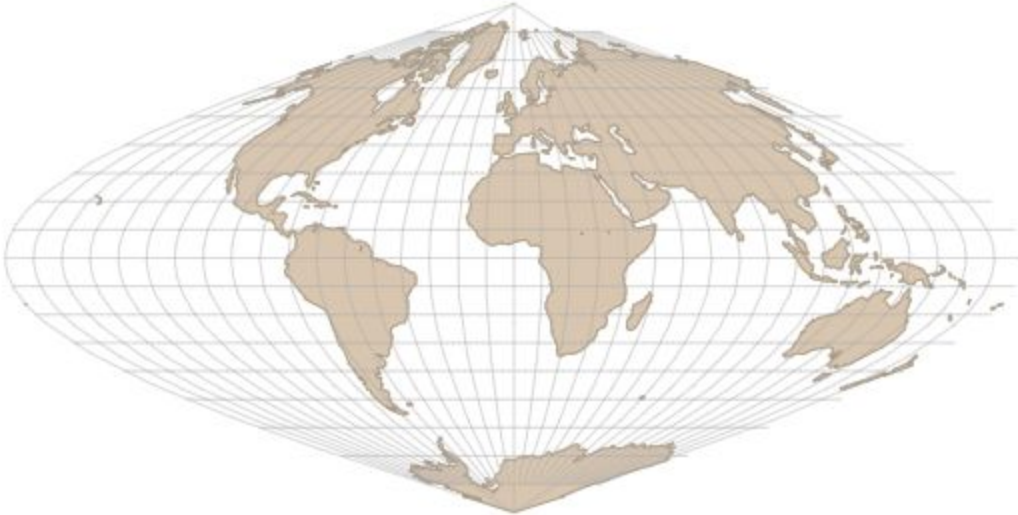
The first Stab–Werner projection

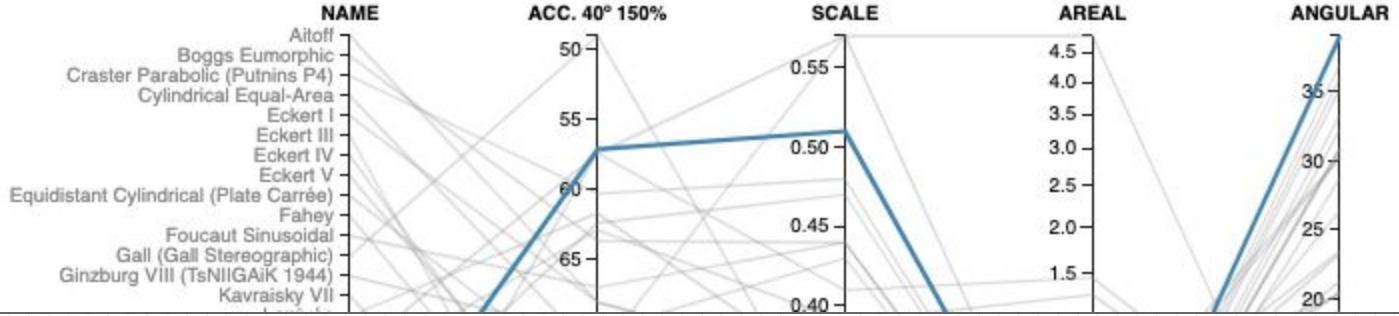
The *first* Stab–Werner projection shows just one hemisphere. Each parallel is mapped on a circle centered on the North pole, with a scale that varies with latitude in order to keep the lengths proportional. The half-equator is mapped to a half-circle.

Projection Transitions



Comparing Map Projections





Preguntas

- ✘ Todos los usuarios son iguales?
- ✘ Todos los casos de usos son iguales?
- ✘ Los mapas que se diseñan para impresión o para ser utilizados con herramientas desktop son iguales a los que se utilizan en la web?

Usuarios

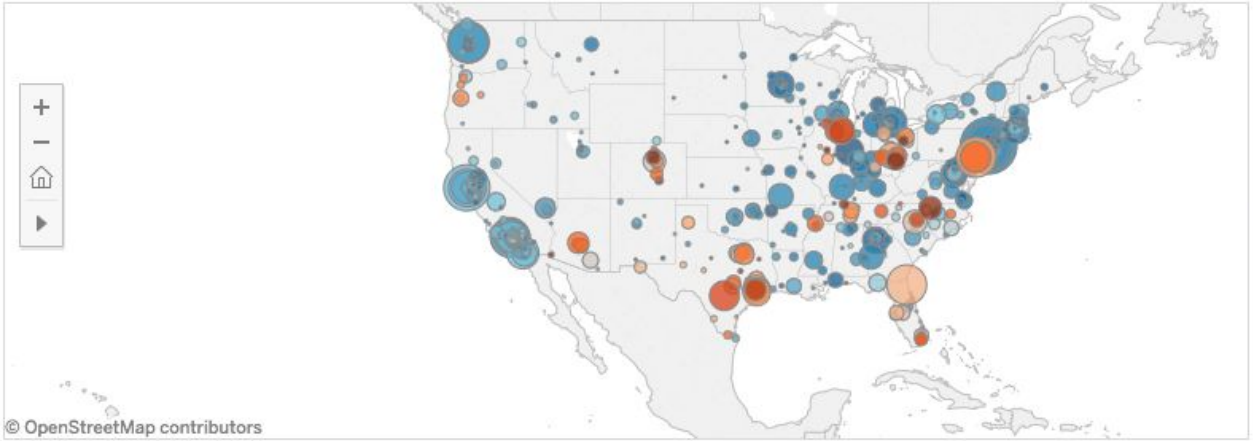
Mapas para otros roles *“No SIG”* ?

Ejm:

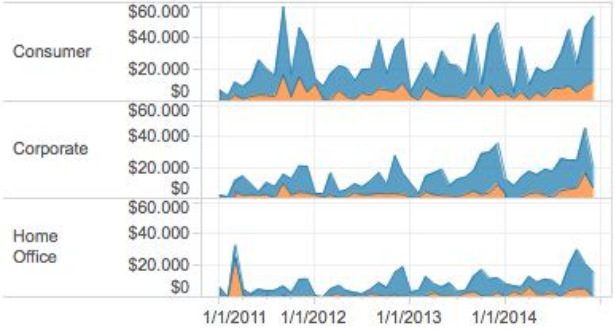
- ✘ Gerentes
- ✘ Público en general
- ✘ Niños

Profitability Overview

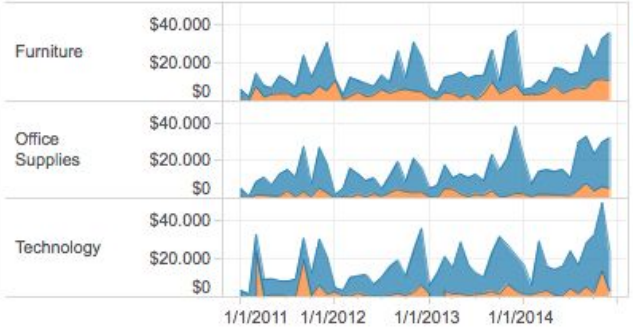
Total Sales	Total Profit	Profit Ratio	Profit per Order	Profit per Customer	Average Discount	Quantity
$2.297.201	$286.397	12,5%	$57.18	$361.16	16%	37.873



Monthly Sales by Segment - States: Todo



Monthly Sales by Product Category - States: Todo



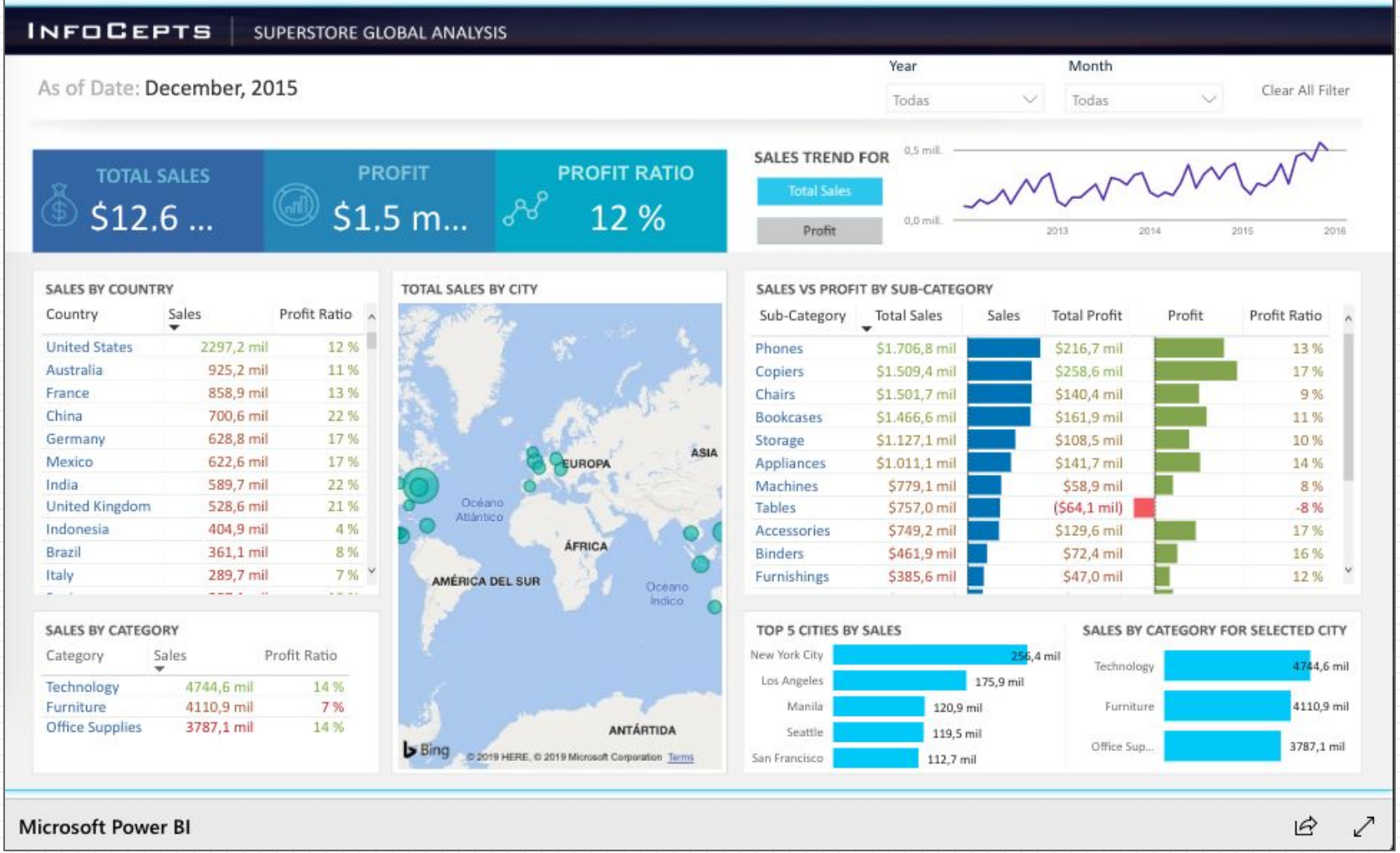
Order Date
4/01/2011 31/12/2014

Region
(Todo)

State
(Todo)

Profit Ratio
-270,0% 50,0%

Profit Ratio
-50,0% 50,0%
Profitable
Unprofitable


INFOCEPTS
SUPERSTORE GLOBAL ANALYSIS
As of Date: December, 2015
Year
Todas
Month
Todas
Clear All Filter
TOTAL SALES
$12.6 ...
PROFIT
$1.5 m...
PROFIT RATIO
12 %
SALES TREND FOR
Total Sales
Profit
0,5 mil.
0,0 mil.
2013
2014
2015
2016
SALES BY COUNTRY
Country Sales Profit Ratio
United States 2297,2 mil 12 %
Australia 925,2 mil 11 %
France 858,9 mil 13 %
China 700,6 mil 22 %
Germany 628,8 mil 17 %
Mexico 622,6 mil 17 %
India 589,7 mil 22 %
United Kingdom 528,6 mil 21 %
Indonesia 404,9 mil 4 %
Brazil 361,1 mil 8 %
Italy 289,7 mil 7 %
TOTAL SALES BY CITY
EUROPA
ASIA
Océano Atlántico
ÁFRICA
AMÉRICA DEL SUR
Océano Índico
ANTÁRTIDA
Bing
© 2019 HERE, © 2019 Microsoft Corporation Terms
SALES VS PROFIT BY SUB-CATEGORY
Sub-Category Total Sales Sales Total Profit Profit Profit Ratio
Phones $1.706,8 mil $216,7 mil 13 %
Copiers $1.509,4 mil $258,6 mil 17 %
Chairs $1.501,7 mil $140,4 mil 9 %
Bookcases $1.466,6 mil $161,9 mil 11 %
Storage $1.127,1 mil $108,5 mil 10 %
Appliances $1.011,1 mil $141,7 mil 14 %
Machines $779,1 mil $58,9 mil 8 %
Tables $757,0 mil ($64,1 mil) -8 %
Accessories $749,2 mil $129,6 mil 17 %
Binders $461,9 mil $72,4 mil 16 %
Furnishings $385,6 mil $47,0 mil 12 %
SALES BY CATEGORY
Category Sales Profit Ratio
Technology 4744,6 mil 14 %
Furniture 4110,9 mil 7 %
Office Supplies 3787,1 mil 14 %
TOP 5 CITIES BY SALES
New York City 256,4 mil
Los Angeles 175,9 mil
Manila 120,9 mil
Seattle 119,5 mil
San Francisco 112,7 mil
SALES BY CATEGORY FOR SELECTED CITY
Technology 4744,6 mil
Furniture 4110,9 mil
Office Sup... 3787,1 mil
Microsoft Power BI

Trump Wants a Border Wall. See What's in Place Already.

By SARAH ALMUKHTAR and JOSH WILLIAMS UPDATED DEC. 13, 2018

SCROLL TO START ↓

Resultados Elecciones Colombia Segunda Vuelta 2018

Fork me on GitHub

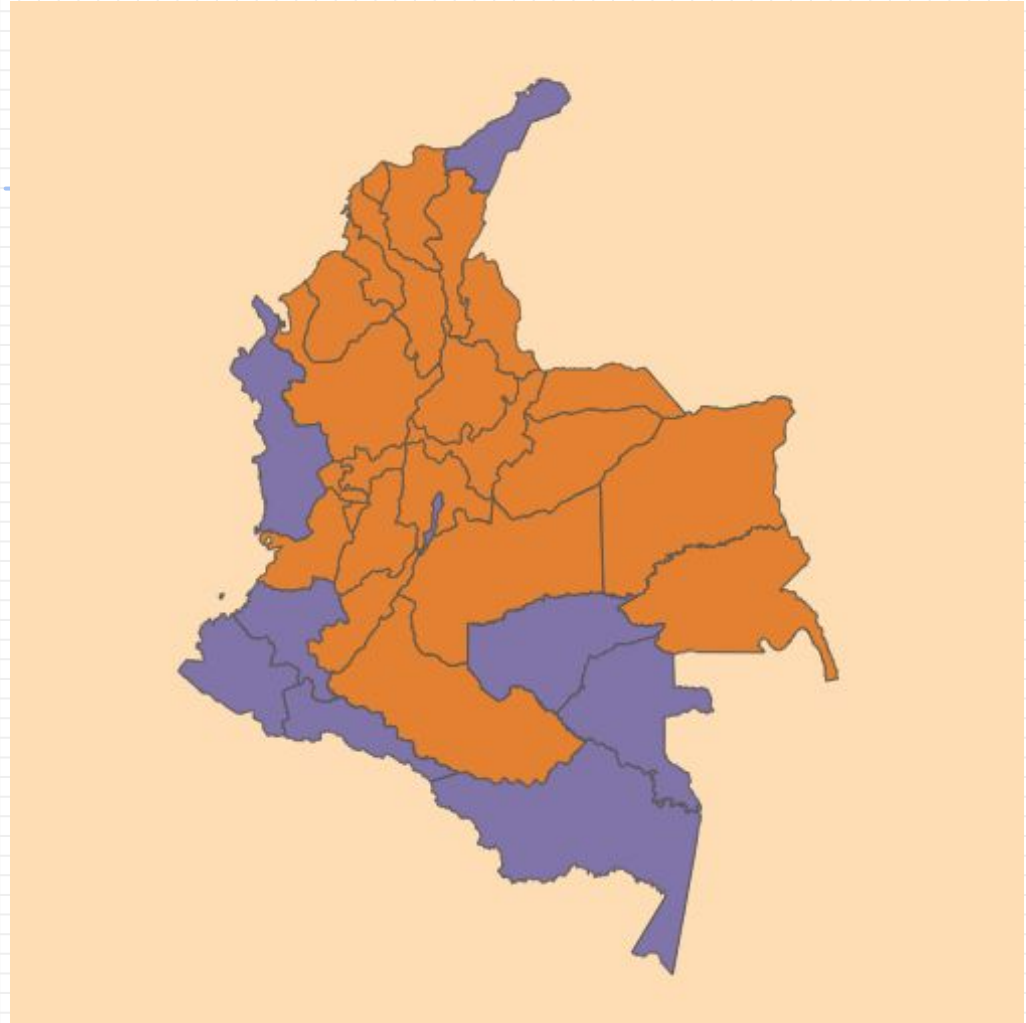
¿Cómo votaron los colombianos en la segunda vuelta presidencial, 2018?

Este es un análisis de la votación de los municipios colombianos en la segunda vuelta de las elecciones presidenciales.

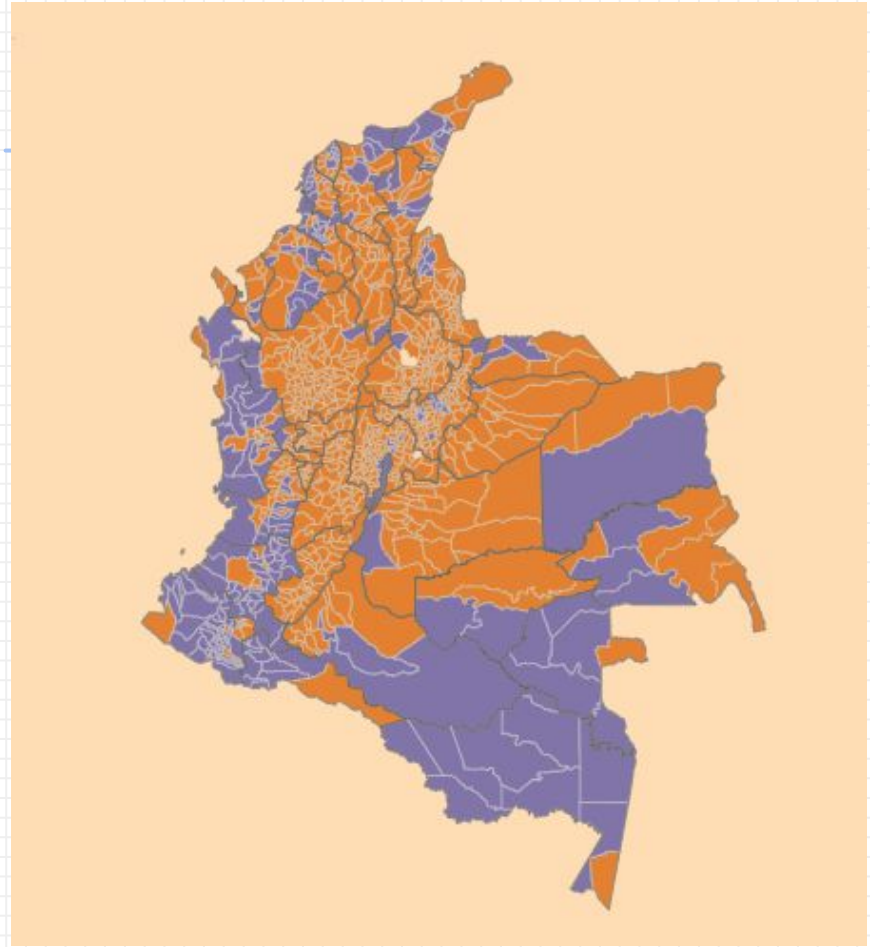
Desplace la página hacia abajo para continuar.

http://johnguerra.co/viz/resultadosSegundaVuelta2018/

Dónde está la mayor cantidad de votantes por el candidato X?

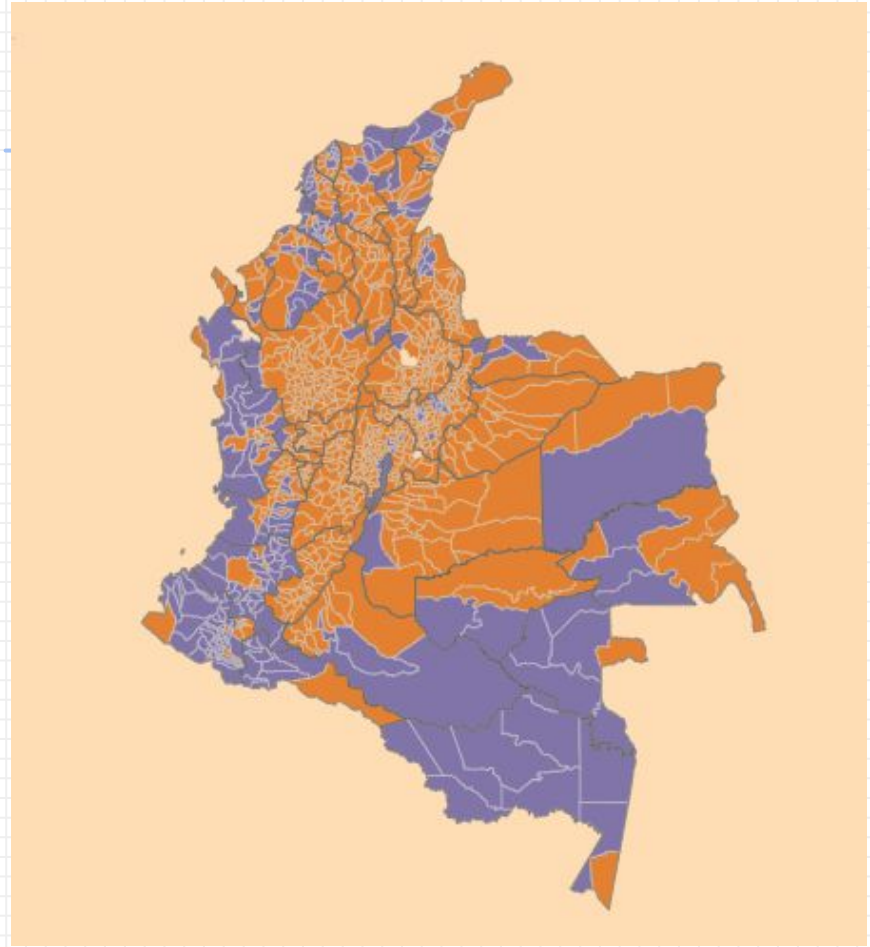


Y los municipios?



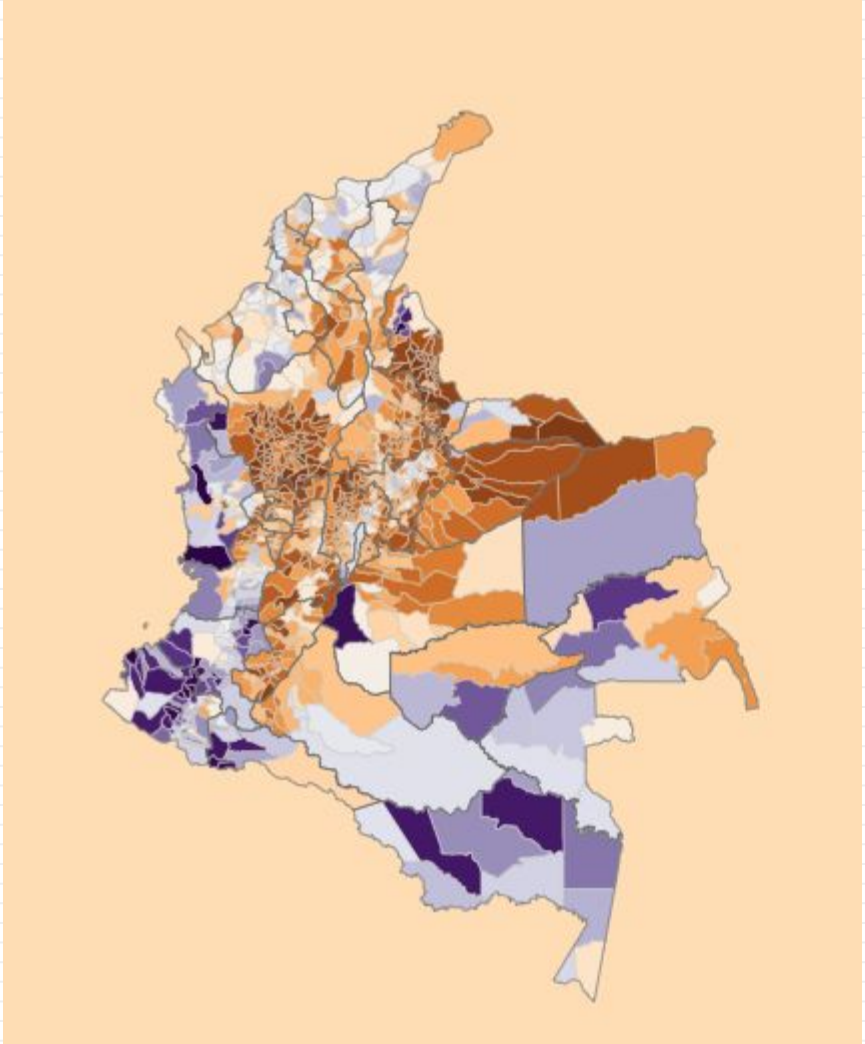
El área geográfica engaña

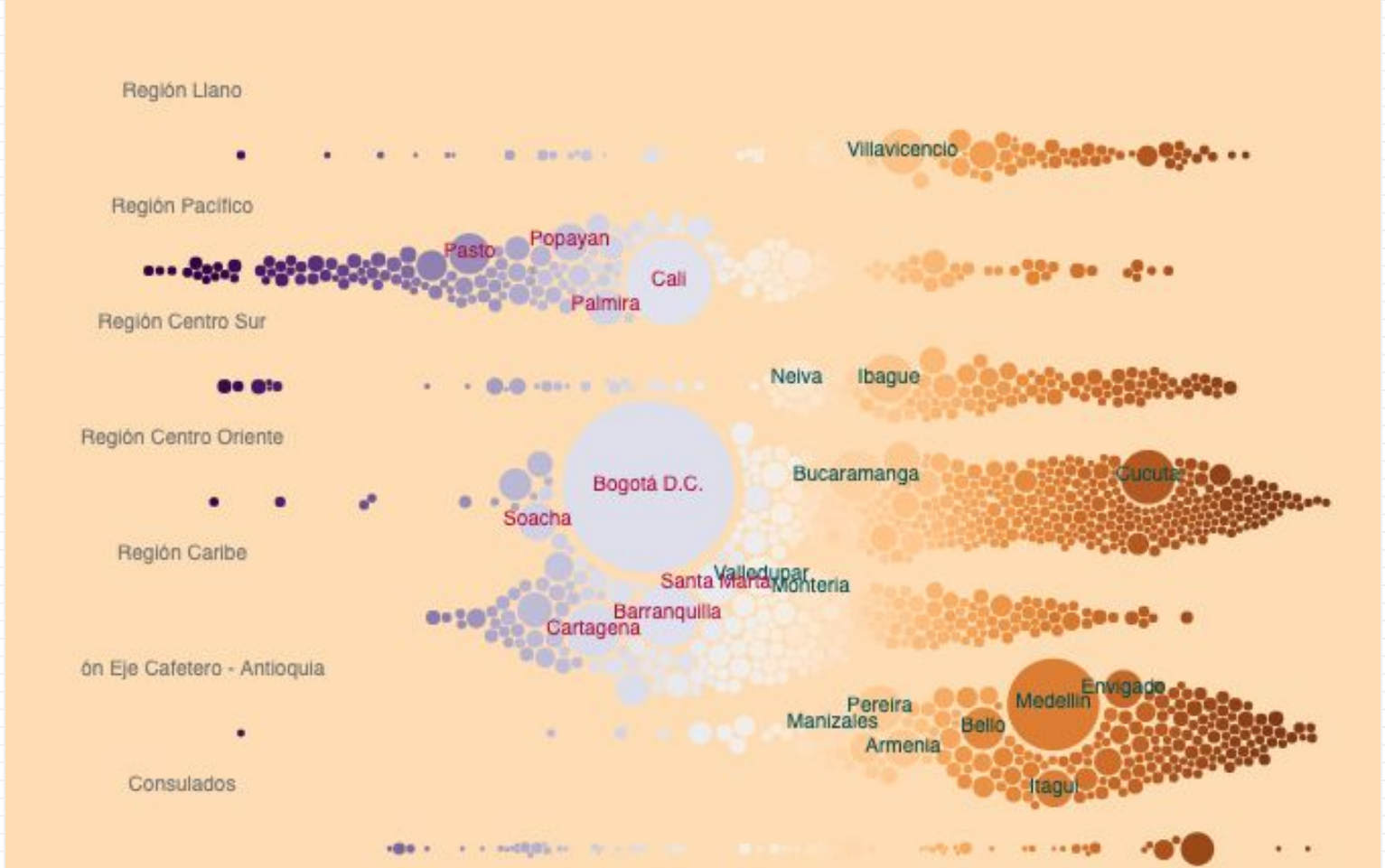
Por ejemplo, no es lo mismo Bogotá donde Petro ganó con diferencia de +12.2% (52.7% Petro - 40.5% Duque) que Medellín donde Duque ganó con diferencia de +49.7% (71.1% Duque - 21.3% Petro).



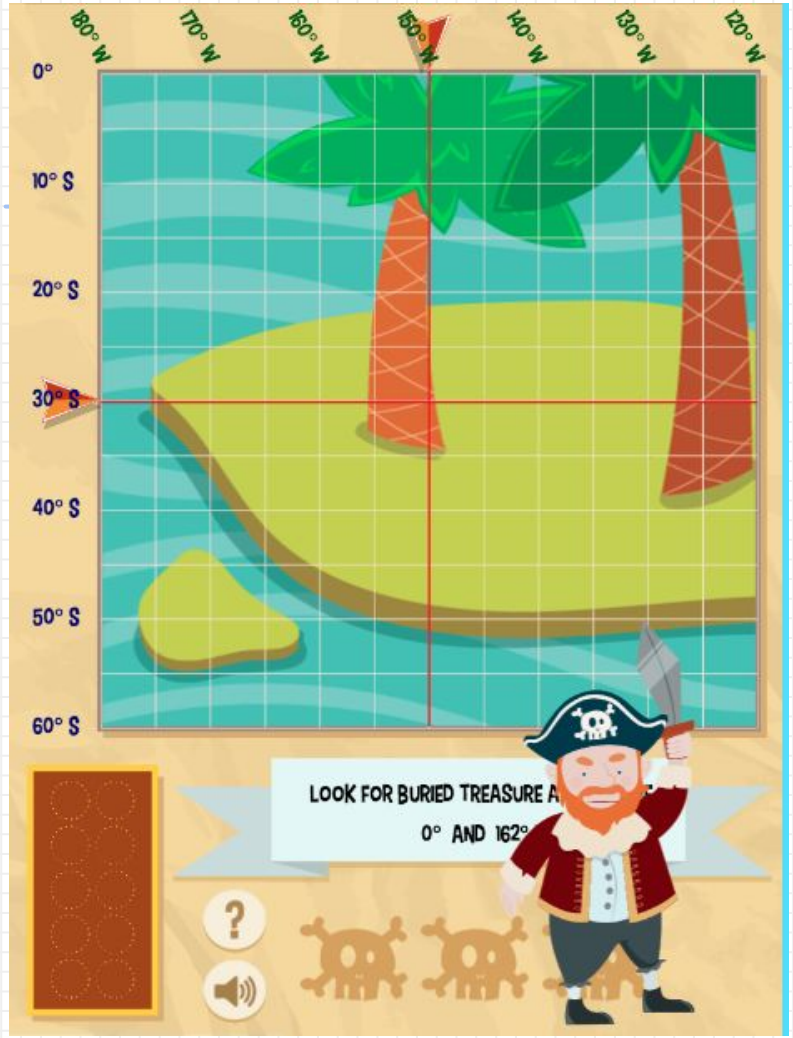
Usemos tonalidades de color

Agreguemos entonces una escala donde los colores más oscuros representan diferencias más altas, y los más claros menor diferencia.




Región Llano
Villavicencio
Región Pacífico
Pasto
Popayan
Cali
Palmira
Región Centro Sur
Neiva
Ibague
Región Centro Oriente
Bogotá D.C.
Bucaramanga
Cucuta
Soacha
Región Caribe
Valledupar
Santa Marta
Monteria
Barranquilla
Cartagena
ón Eje Cafetero - Antioquia
Envigado
Pereira
Medellin
Manizales
Bello
Armenia
Itagui
Consulados

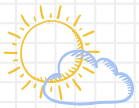
TREASURE HUNT
LATITUDE AND LONGITUDE

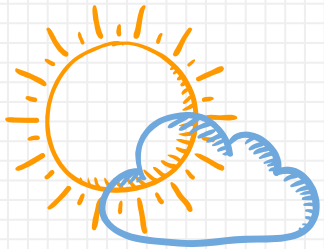

180° W
170° W
160° W
150° W
140° W
130° W
120° W
0°
10° S
20° S
30° S
40° S
50° S
60° S
LOOK FOR BURIED TREASURE A
0° AND 162°

Map Skills for Elementary Students

Find our collection of activities to develop children's spatial thinking and map skills across Grades preK-6.

Related Materials





Gracias