Sample Visualizations

Introduction to Data Visualization
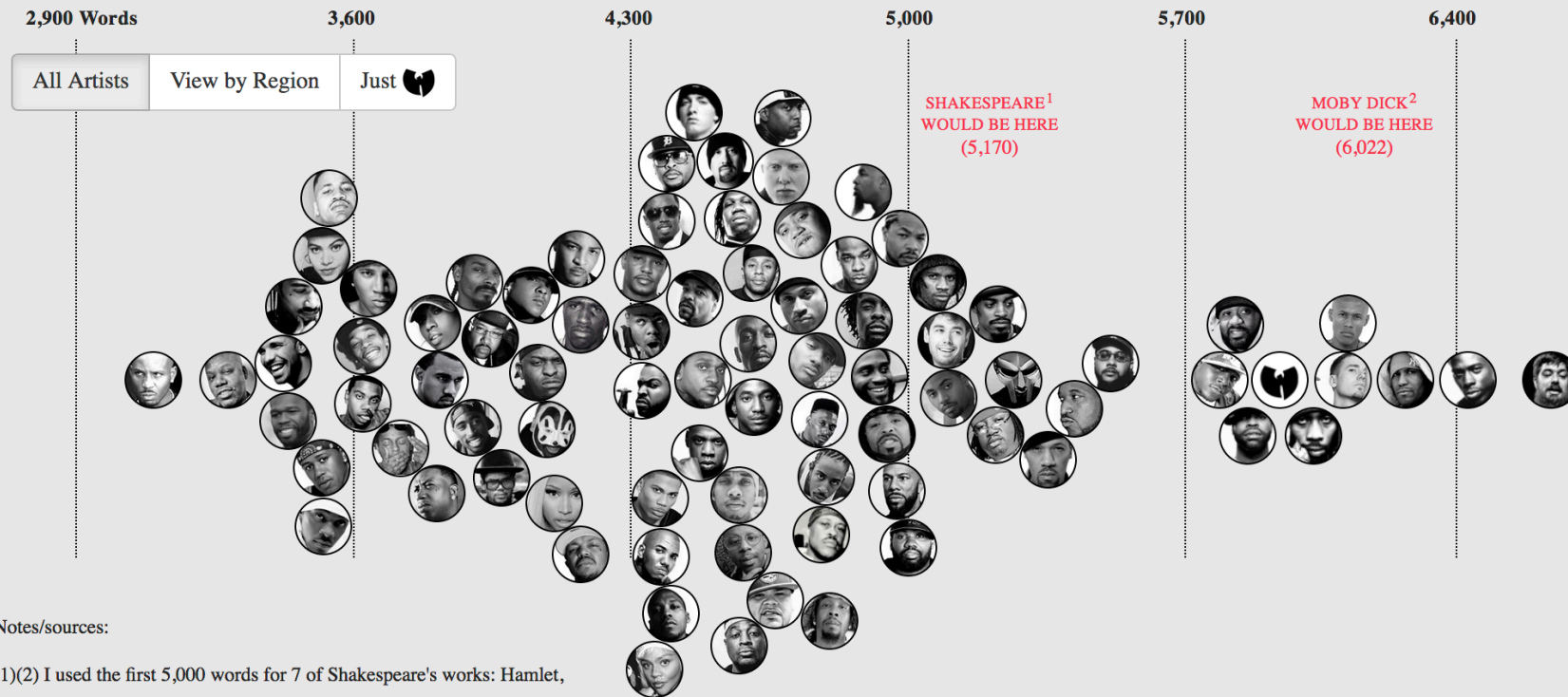
The Graduate Center at CUNY | Summer 2018

May 31, 2018

Which of the following feature is each graphic using?

- Position
- Length
- Angle
- Direction
- Shapes
- Area / Volume
- Color: Hue & Saturation/Intensity

OF UNIQUE WORDS USED WITHIN ARTIST'S FIRST 35,000 LYRICS

2,900 Words	3,600	4,300	5,000	5,700	6,400

All Artists | View by Region | Just 🝱

SHAKESPEARE[1]
WOULD BE HERE
(5,170)

MOBY DICK[2]
WOULD BE HERE
(6,022)

Notes/sources:

(1)(2) I used the first 5,000 words for 7 of Shakespeare's works: Hamlet, Romeo and Juliet, Othello, Macbeth, As You Like It, Winter's Tale, and Troilus and Cressida. For Melville, I used the first 35,000 words of Moby Dick.
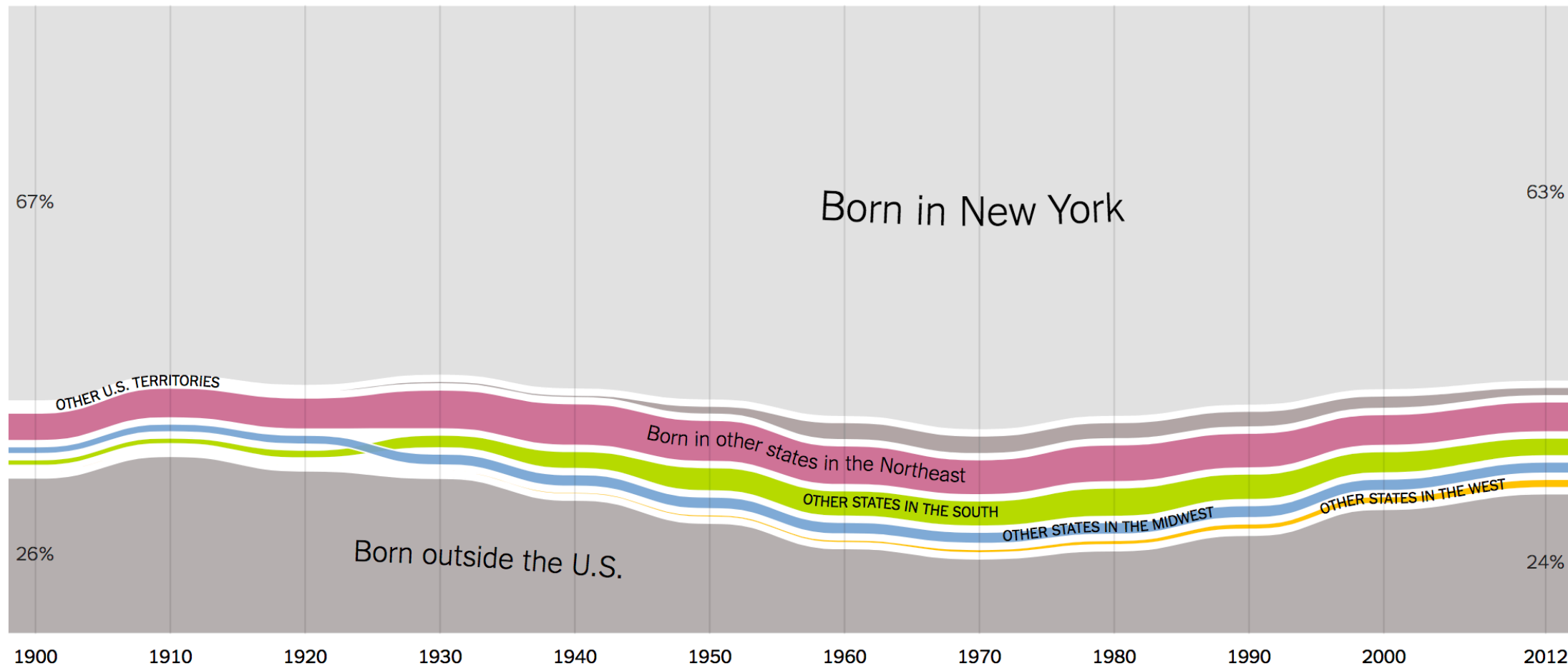
All lyrics are provided by Rap Genius, but are only current to 2012. My lack of recent data prevented me from using quite a few current artists.

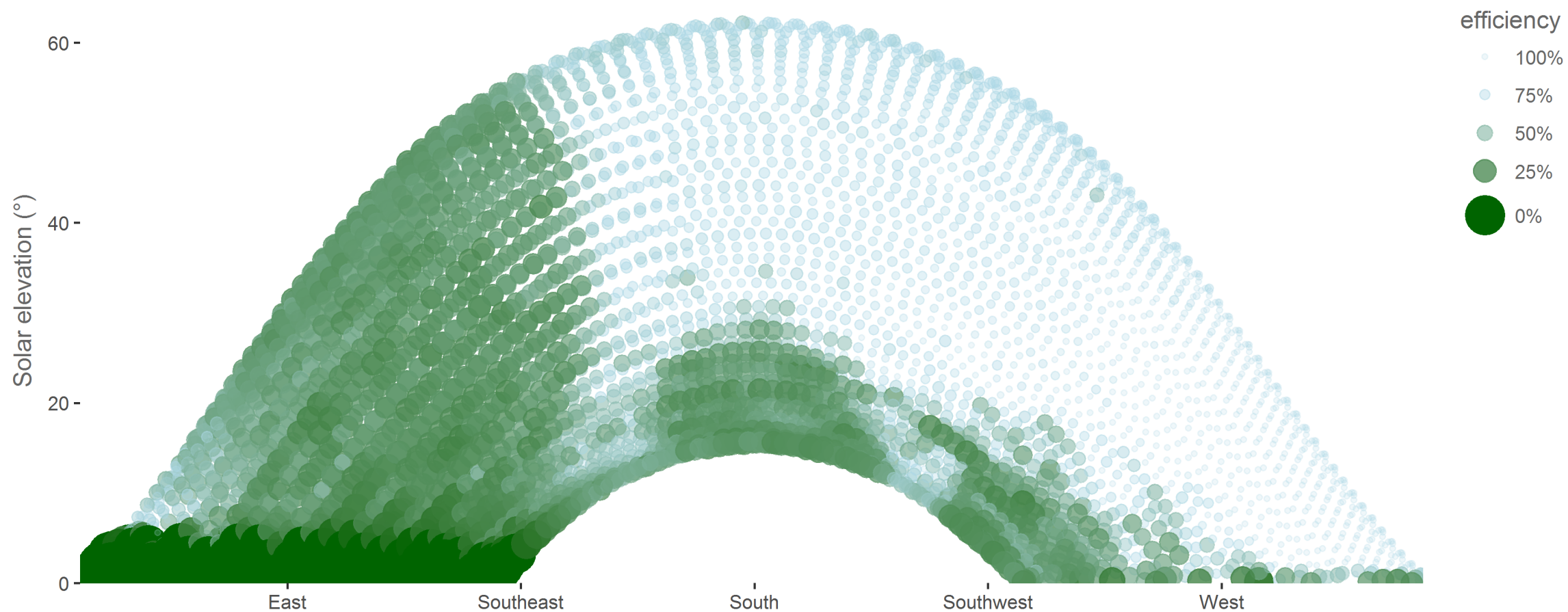This data viz uses code by Amelia Bellamy-Royds's in this jsfiddle.

https://pudding.cool/2017/02/vocabulary/index.html

Where people living in New York **were born**:

New! ⟳ Switch to Diaspora Out of New York

67%   Born in New York   63%

OTHER U.S. TERRITORIES

Born in other states in the Northeast

OTHER STATES IN THE SOUTH

OTHER STATES IN THE MIDWEST   OTHER STATES IN THE WEST

26%   Born outside the U.S.   24%

1900   1910   1920   1930   1940   1950   1960   1970   1980   1990   2000   2012

https://www.nytimes.com/interactive/2014/08/13/upshot/where-people-in-each-state-were-born.html

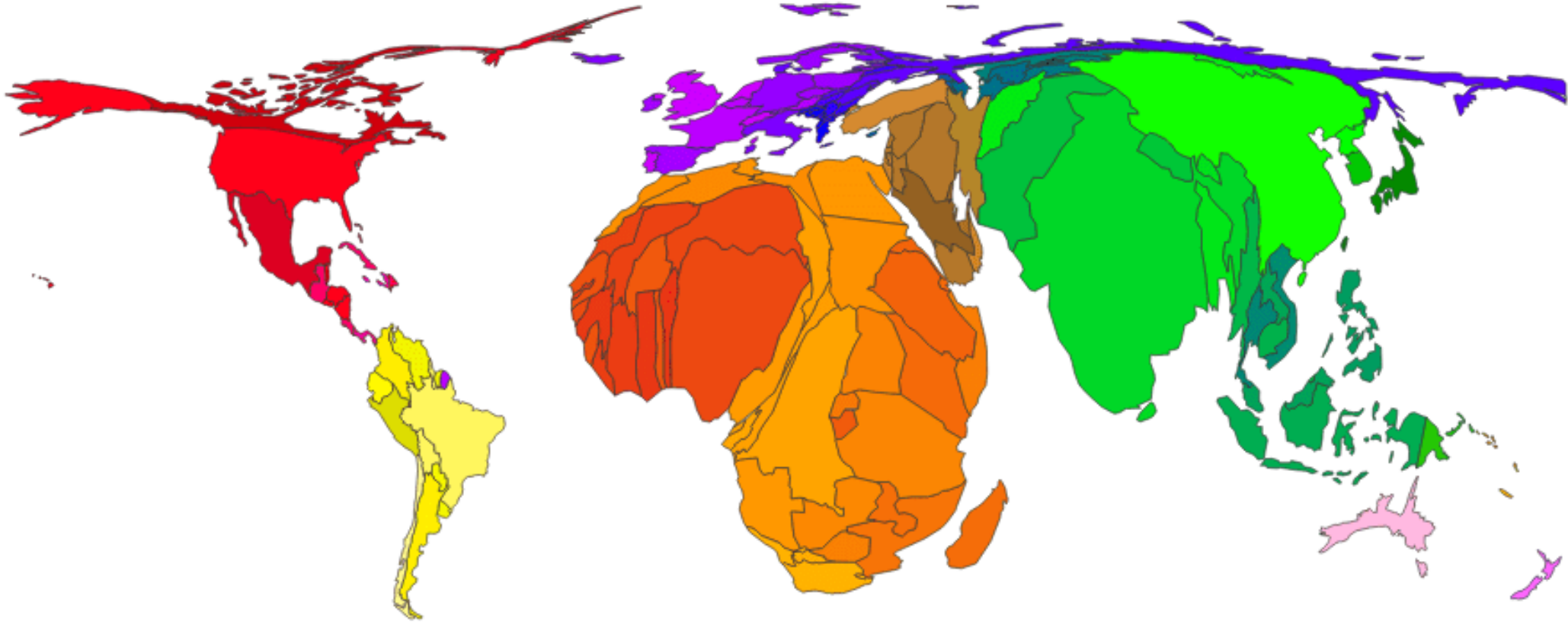https://www.jeroenboeye.com/blog/solar-panel-analysis-pt-3-scanning-for-objects/

2100

11.2 billion
World Population

(source: Population Reference Bureau)

http://metrocosm.com/how-to-make-cartograms-with-animation/