Lo-Fi sketches

Below is two rough lo-fi novel visualization ideas for the democracy dataset.
I tried to think creatively and disregard every principle for good visualization.

Starry night

The global democracy landscape is read in the stars

Encodings:
- Each star is a country.
- One color per continent.
- Size = democracy score

The Democracy Cappuccino Swirl Map

Encodings:
- The foam pattern becomes the encoded democracy landscape.
- **Regions** with higher **democracy** are represented by lighter foam.
- More autocratic regions are shown as denser, darker espresso areas.
- Clicking a region causes the foam to "re-swell," revealing **time**-series ripples.

Hi-Fi Novel Visualization

Iteration #1

Encodings:
- Each **country** is encoded using the position channel - but on a 3D spheric world globe. Making it impossible to see all countries at the same time.
- The globe is turning, and the user can also 'drag' in the globe to see areas of interest.

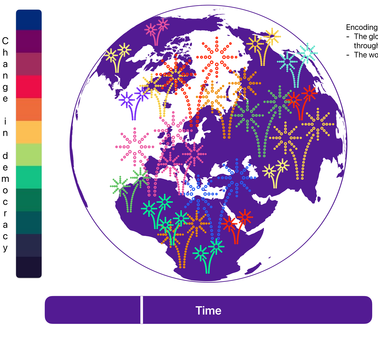
Iteration #2

Encodings:
- Each country explodes in fireworks simultaneously .
- The size of the firework encodes the magnitude of the **country's democracy score.**

Iteration #3

Encodings:
- The color of the firework encodes the change in democracy score for that country since the previous year.
- The colorpallet includes all possible colors.

Happy New Year!



Encodings:
- The globe is constantly turning and playing through a **time** series. It's like a video.
- The world Is exploding in fireworks every year!

Summary:
This novel graph uses a 3D model of the globe to visualize the distribution of democracy scores across all countries of the world.
The visualization is a video, where the globe is turning and moving through a time series, iteratively.
Each year the globe explodes in a big firework.
The size of each country's fireworks corresponds to the country's democracy score, and the color of the fireworks encodes the change in democracy since the previous year.
The color scale includes all beautiful colors you can imagine - This makes the visualization aesthetically pretty, but difficult to interpret.