

MAIN MESSAGE: Telling story of music through features

Auxiliary

1. Change over time
2. Change of geography over time

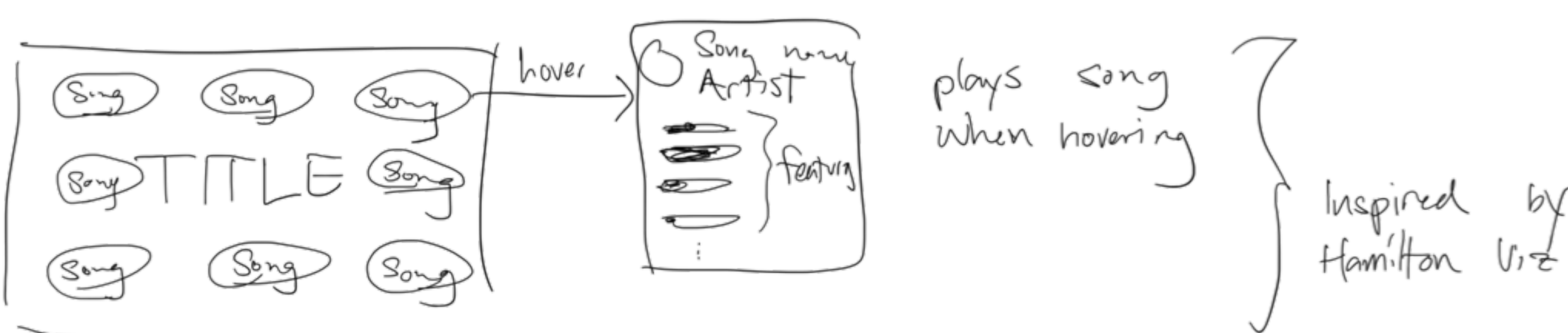
Notes: Main viz need to either be novel and flashy, or have some sort of interaction

This is probably how we get marked

Hook: Using features to examine music

Can have some low-depth viz showing attributes of our data

eg

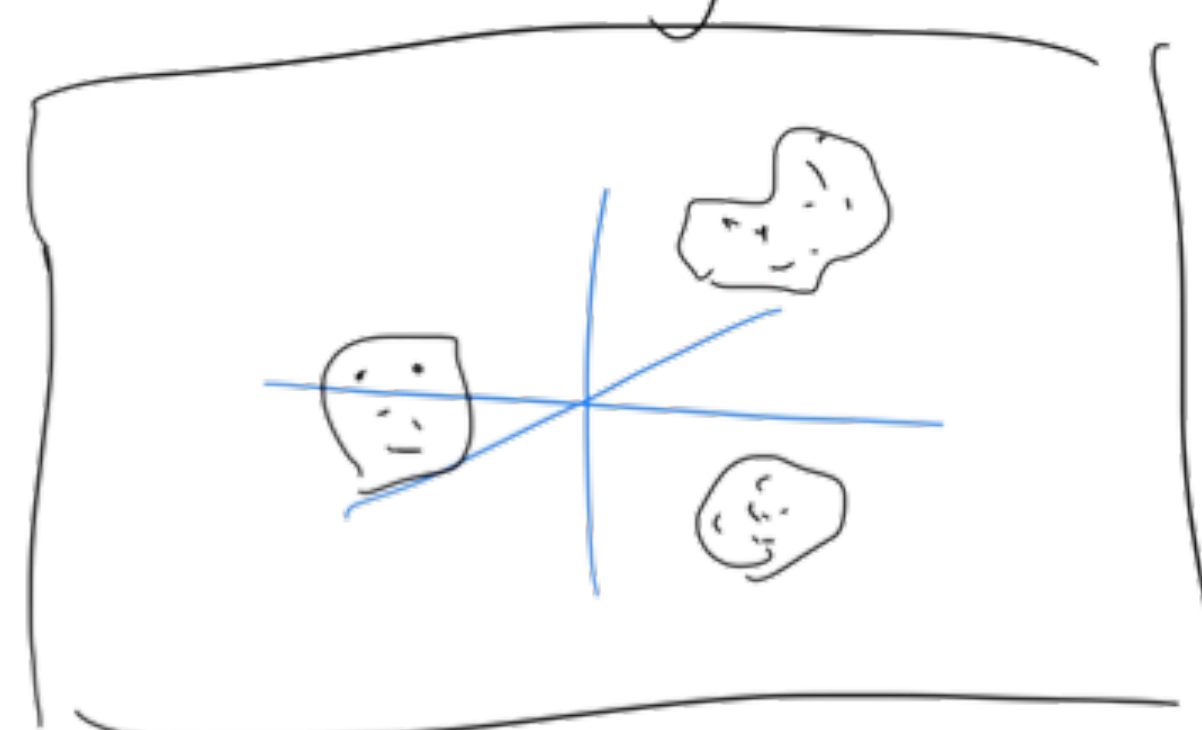


Idea: Introduce what data we have; don't need to show main message immediately.

Rising Action

Viz 1: Universe of hits (Top  $n = 200$  songs?)

Some 3d clustering of our data based on features  
Axes are meaningless



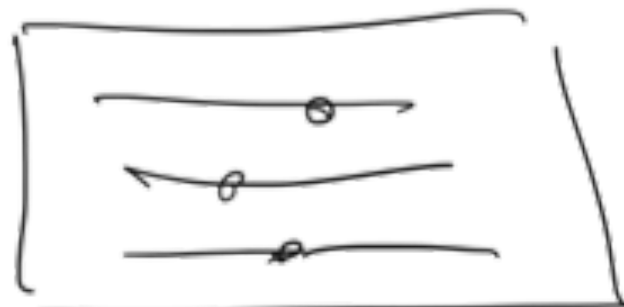
Needs some interactions

1. Maybe add some buttons

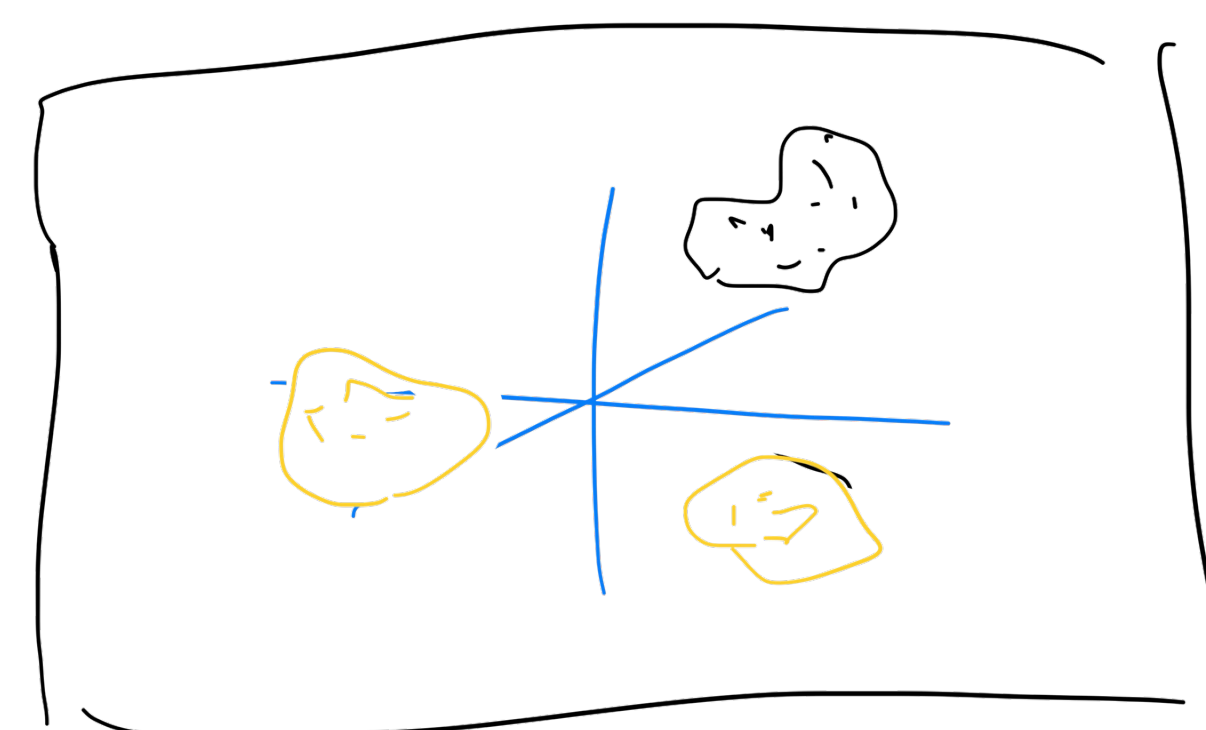


for genres, and highlight songs belonging to those genres?

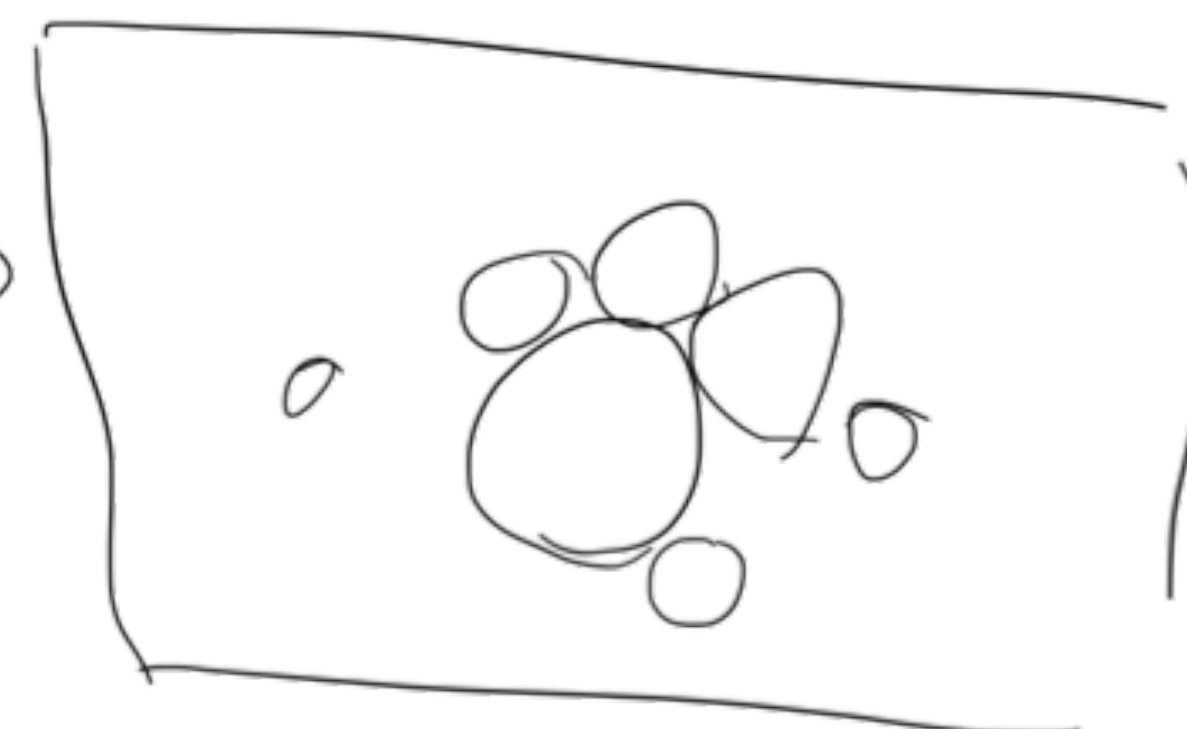
2. Add some sliders



for features, and zoom in to show the top 10 songs closest to slider settings

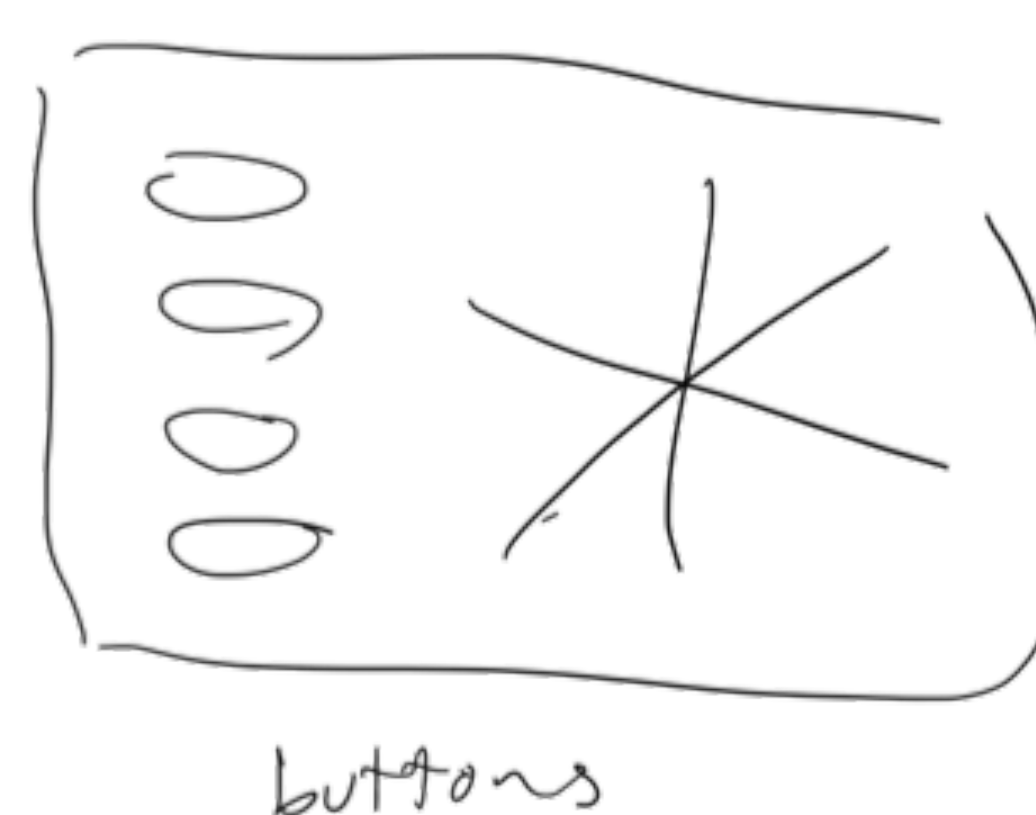


yellow is faded out



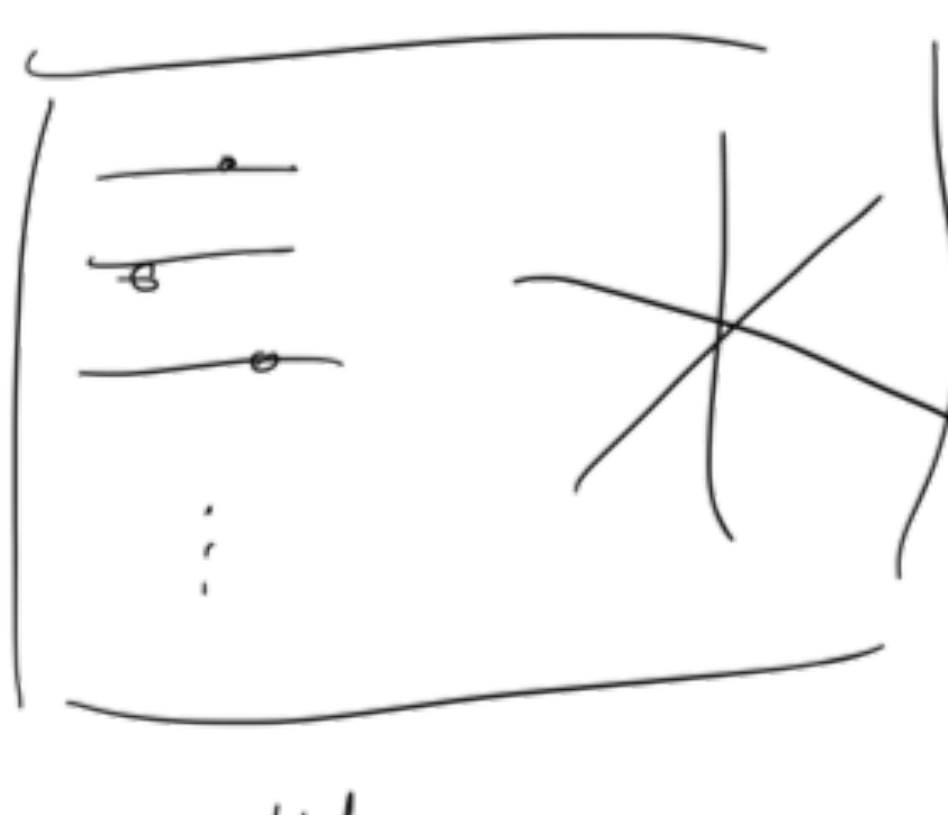
Size is popularity of song.  
I can imagine a way to transition from the 3d  $\rightarrow$  2d graphs

Can use multiple idents here: keep the 3d viz on screen while moving between interactions



buttons

scroll



sliders

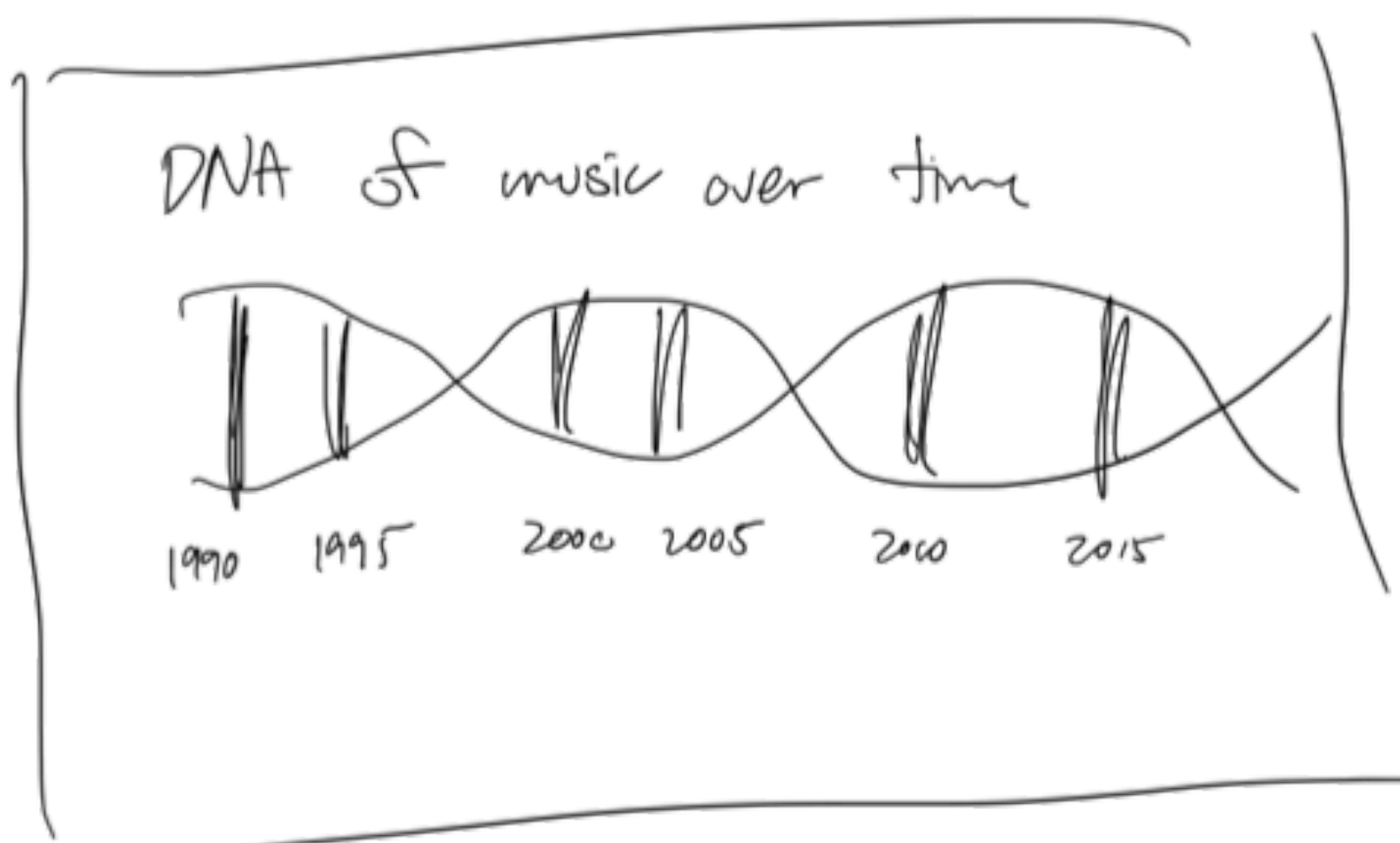
Inspired by Hamilton viz again

Viz 2: DNA of music

Start connecting to the time aspect of our message

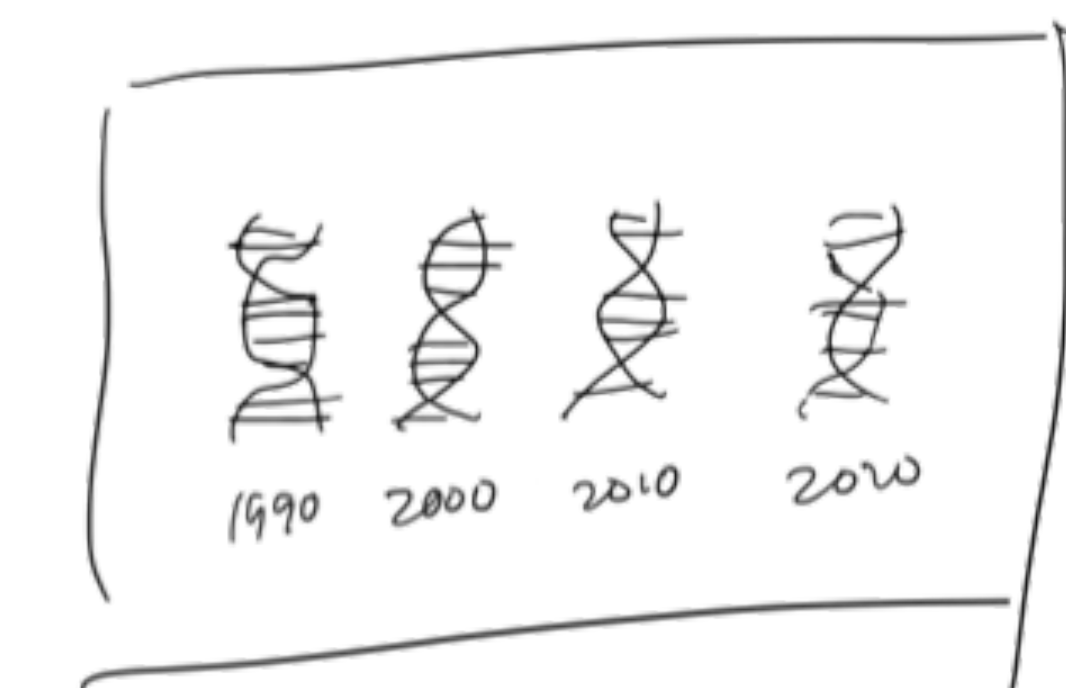
Two ideas

1. (original)



Each year is a band  
Use different to channels to encode features  
Eg: - Width  
- Colour  
- Texture vs. vs.   
But can only encode so much

2.

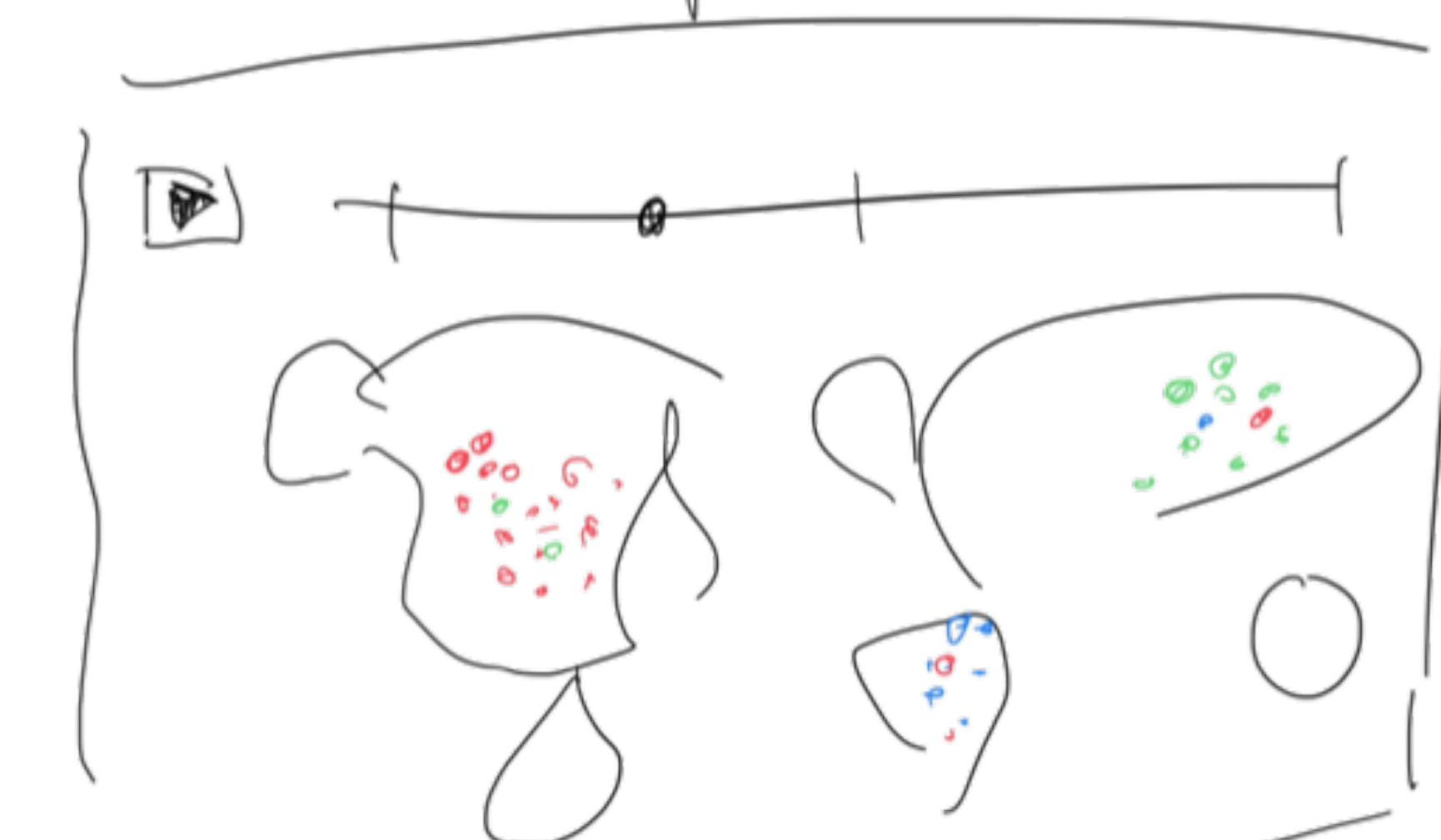


- DNA strand for each year-  
Each band is a feature  
Pros  
- Easier to encode lots of info  
- More thematically accurate to "DNA of music"  
Cons  
- More cluttered

Both can have interactions for hovering over bands

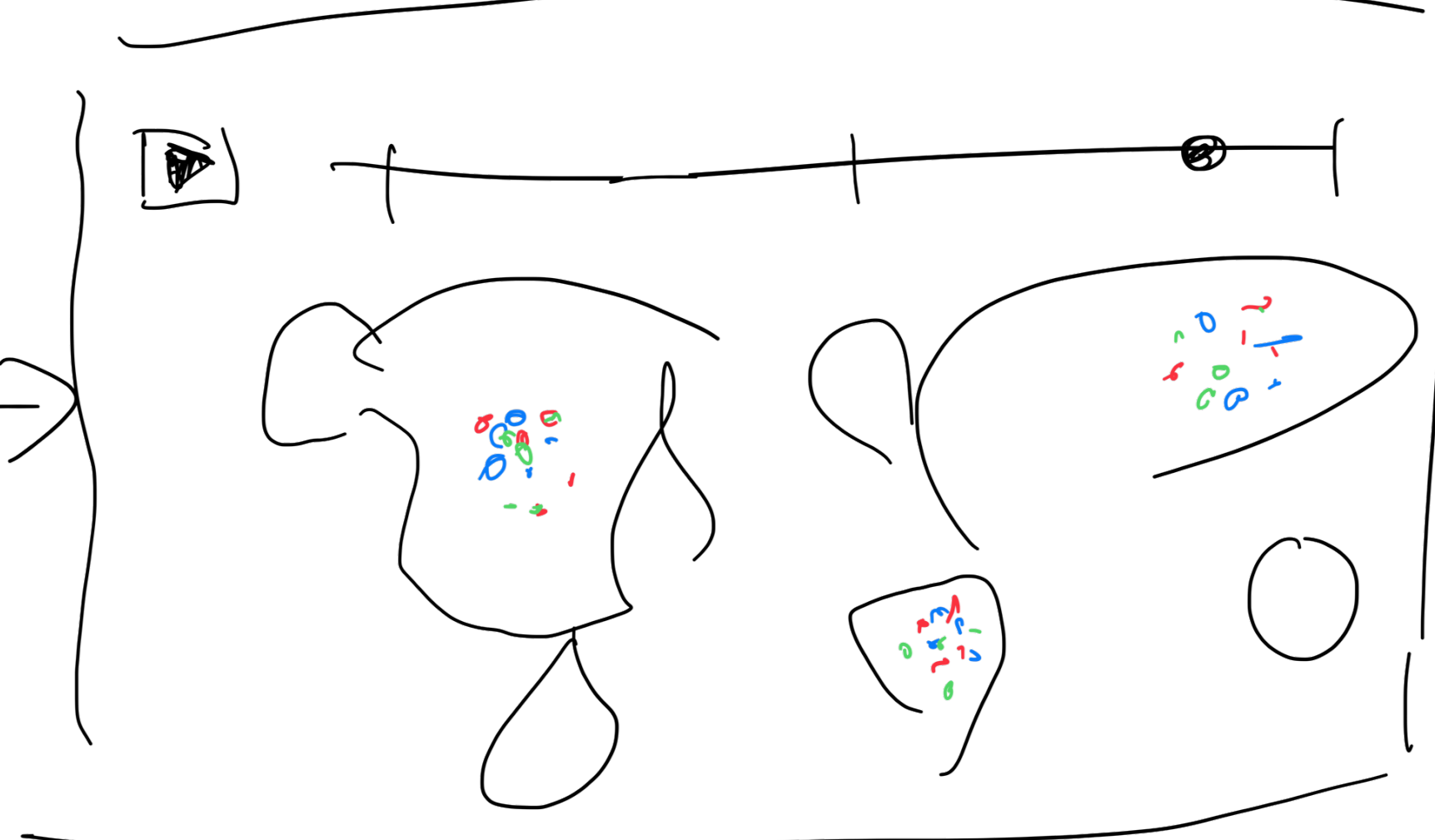
Climax

Viz 3: World map timeline



Map

Time moves



Map

Each dot is a top 200 song  
Colour is a representation of its features (maybe just use genre)  
Want to show the map becoming more homogeneous over time  
 $\Rightarrow$  culture mixing

Can be switched if this viz doesn't look good

Conc

Culture is spreading  
Data revealing a story  
etc

add some highlight songs or smt.