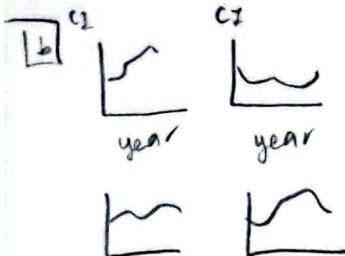
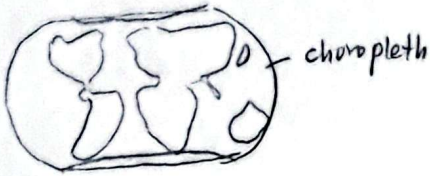


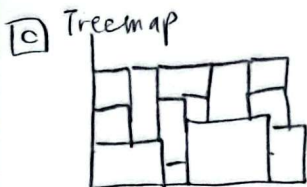
# ideas

## ① GLOBAL CRIME INDEX

① World Map



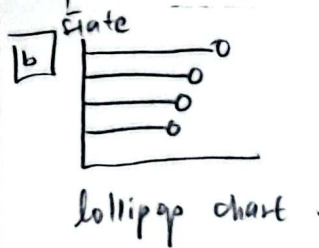
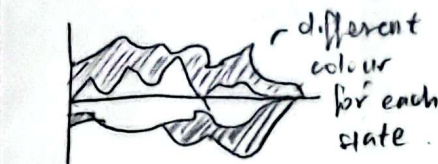
small multiples - have chosen focus countries



for the most recent year

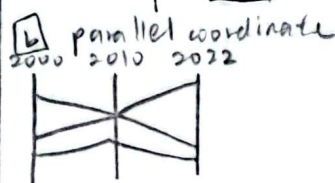
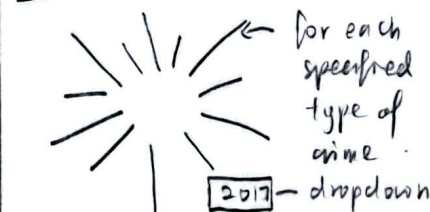
## ② PRISONER INDEX

① Stream graph



## ③ VIOLENT CRIME ANALYSIS

① radial bar chart

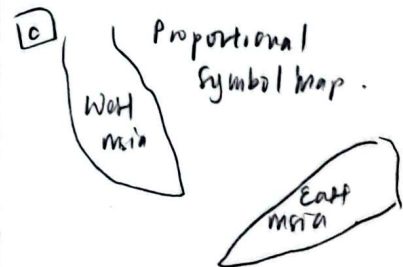
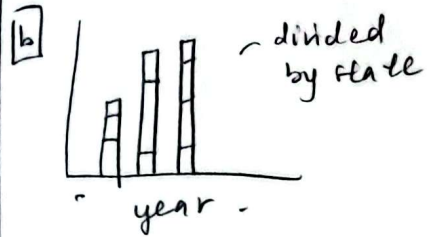
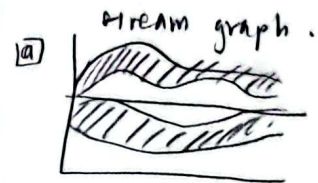


Author: Elzeen Tee Way

Sheet 1

Task: SDS

## ④ INTENTIONAL HOMICIDE CASES



# filter

1. ① Treemap

not ideal as too many countries to account for

2. ① Stream graph

difficult to properly compare across states

3. ① radial bar chart

hard to implement in Vega lite

# questions?

- what are we analysing?
- can this have a proper flow and story?

# CATEGORISE

## GLOBAL SAFETY

- how does msia compare globally in terms of crime and public safety -

## PRISONER INDEX

- what proportion of our population are criminals?

## VIOLENT CRIME TRENDS

- how much has violent crime changed?

## INTENTIONAL HOMICIDE

- rate of homicide across states

# COMBINE! & refine

1. ① can show clearer comparison of global crime index

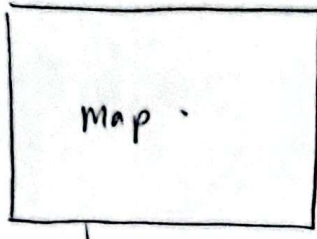
2. ①

3. ① better to compare across years

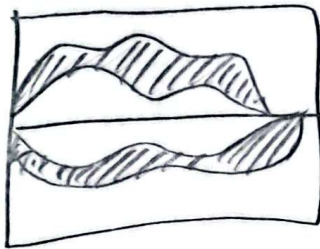
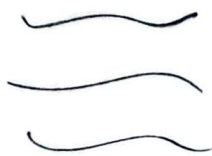
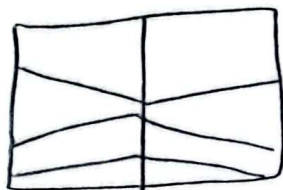
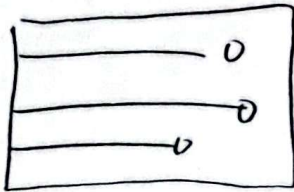
4. ① Stream graph more interesting for viewer, as many small states in ①, might be hard to find

# Layout

TITLE



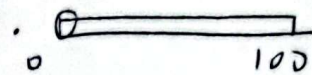
left aligned?



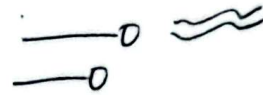
Elyesa Tee Way Uien

Sheet 2

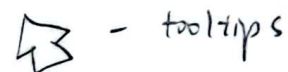
Title: Orange is the new Black



zoom slider for map?



2017 . ↳ speared annotations that only appear on the year specified.

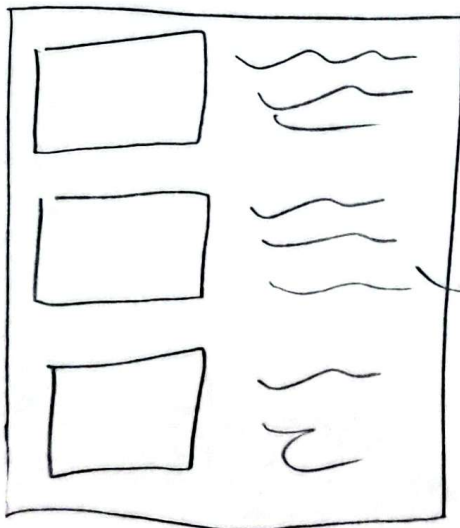


## OPERATIONS

### Discussion

- + clear for reader .
- + clear sightlines .
- = annotation heavy .
- + annotation interaction difficult to implement

Focus : Clean sightlines , basic format .

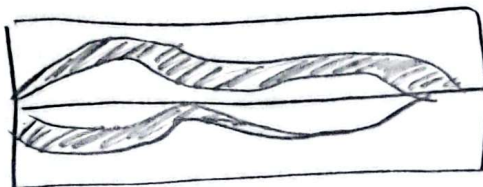
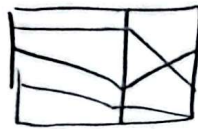
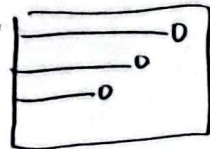
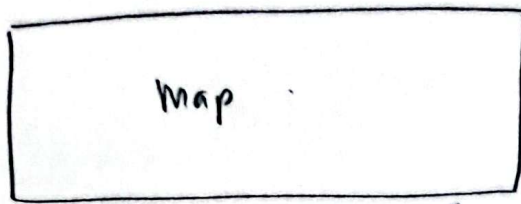


- too basic?

heavily dependent on annotations

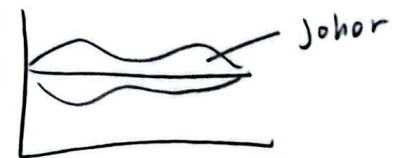
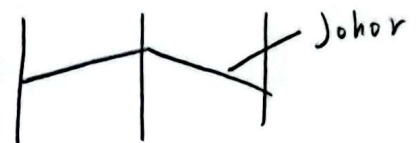
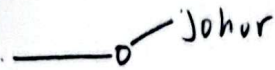
# Layout

Title



Elyesa Toe Way 41cm  
Sheet 3

## Operations



↳ highlight  
per state.

## Focus

- evenly spaced and distributed  
charts.

but annotations under map might  
be too wide (> 60 char).

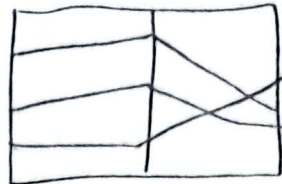
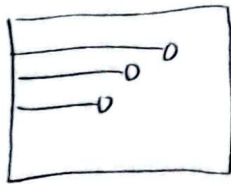
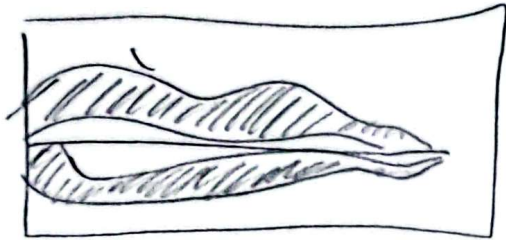
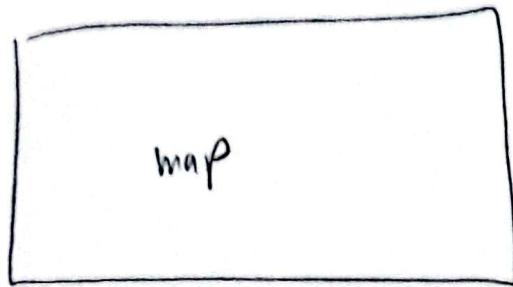
## Discussion

+ focus on map  
and time  
graph.

- hard to implement  
interaction as  
not all charts  
have states.



## Layout

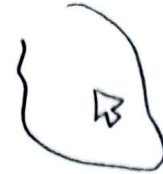


Elysa Tee  
Sheet 4.

## Operations

➡ - tooltips.

— hover on map  
highlights county.



clickable  
annotations.

## Focus

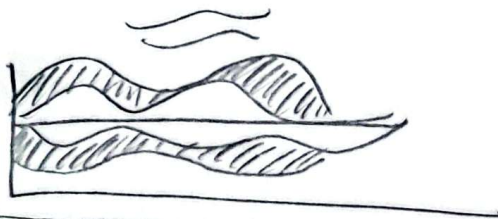
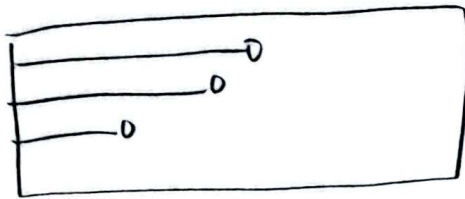
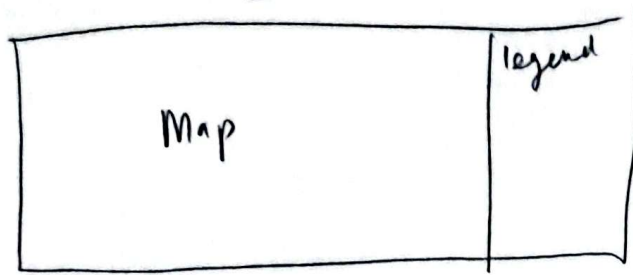
- again focusing on map  
and stream graph.
- annotations to wide.

## Discussion!

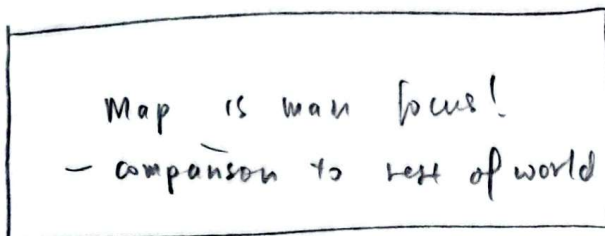
- + user interaction.
- + basic format,  
easy to read.
- no symmetry,  
right-lined.

# Layout

Life Behind Bars



Focus: Overall general analysis of crime trends; focused on Asia



- colour scheme orange, as is the theme of prisonwear.

Author: Elyse Tee Way Yuen  
Sheet 5.

Title: Life Behind Bars.

## Operations

—○ hovering on lollipop chart changes colour.

☰ menu of annotations that go to year of annotation.

↗ all of marks have tooltips.

## Discussion

- + clean overall structure
- + added many interactive features
- basic formatting
- + follows symmetry, sightlines
- + charts main focus