

IDEA

Data to be shown
 → prevalence of mental health.
 → Prevalence of ...

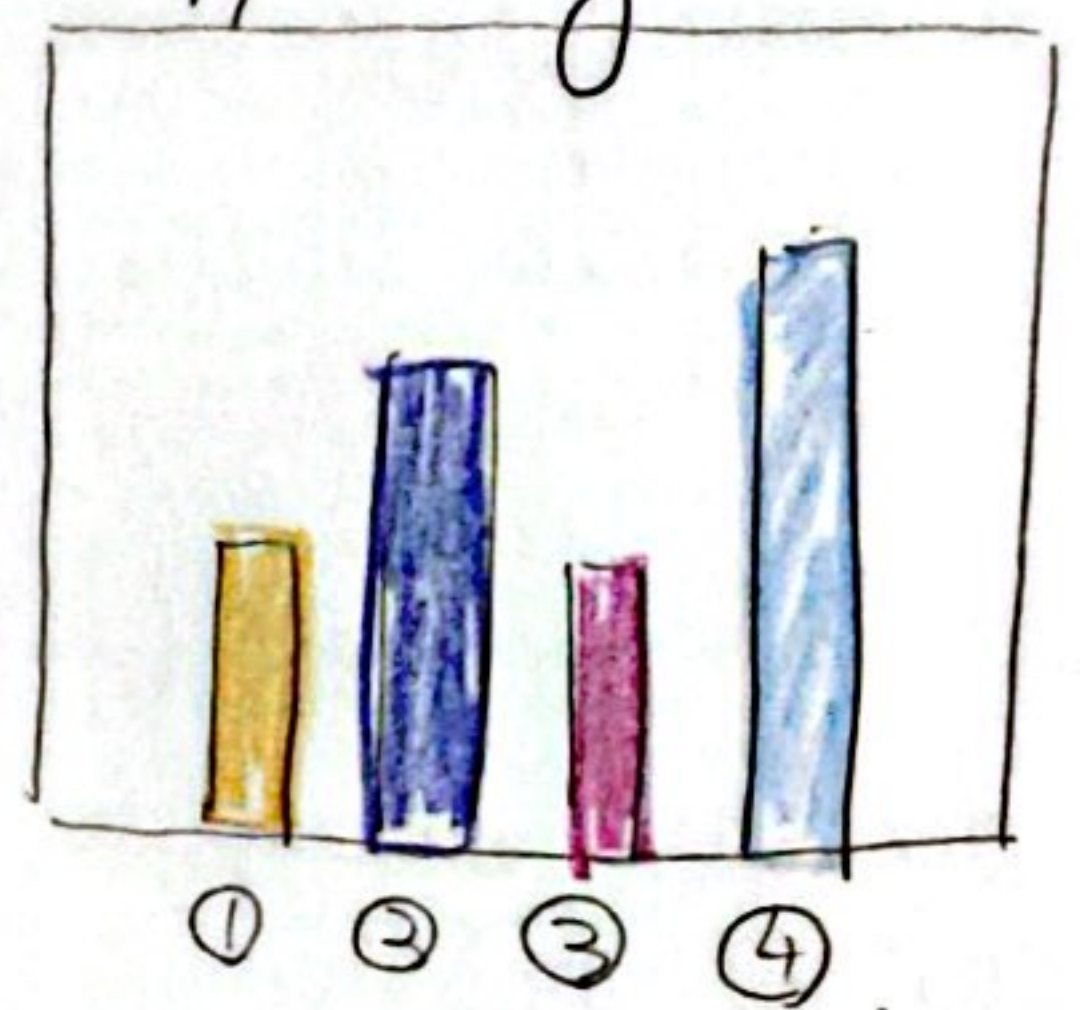
① Depression ↓

② Eating disorders

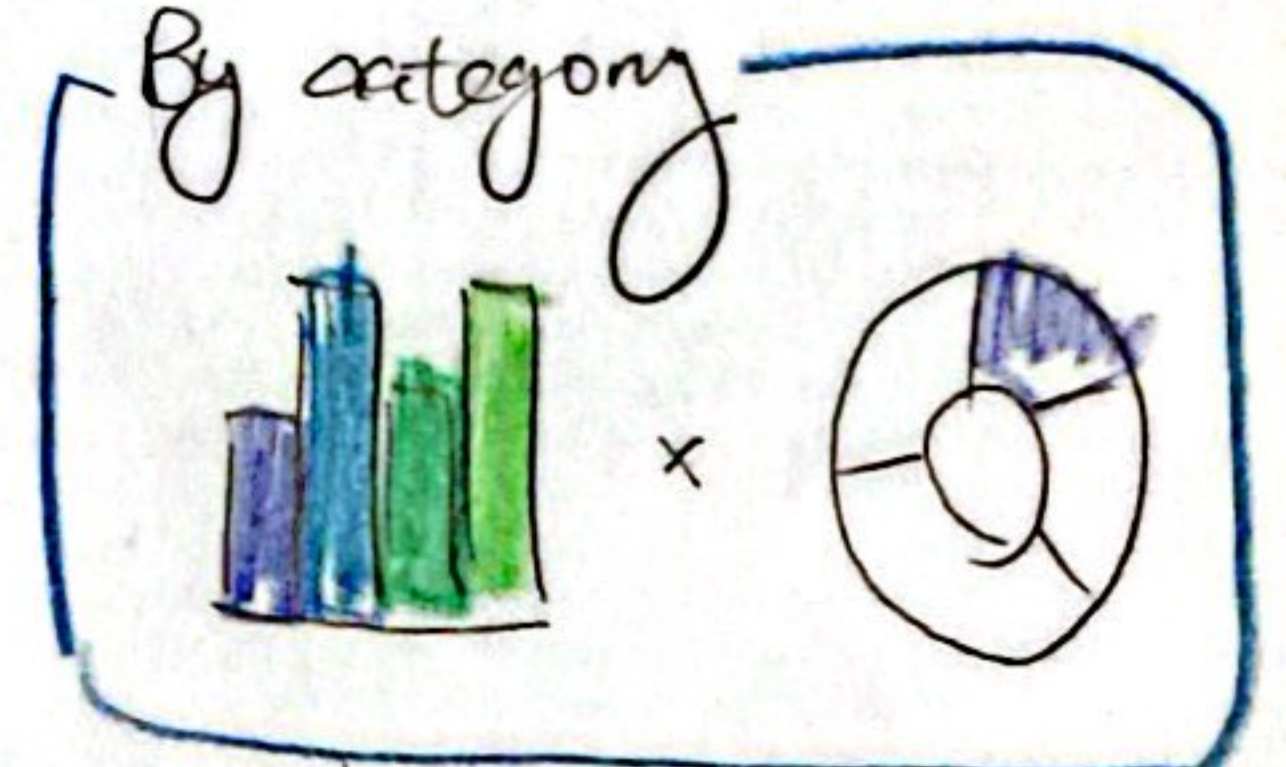
③ Schizophrenia

④ Bipolar disorder

By country



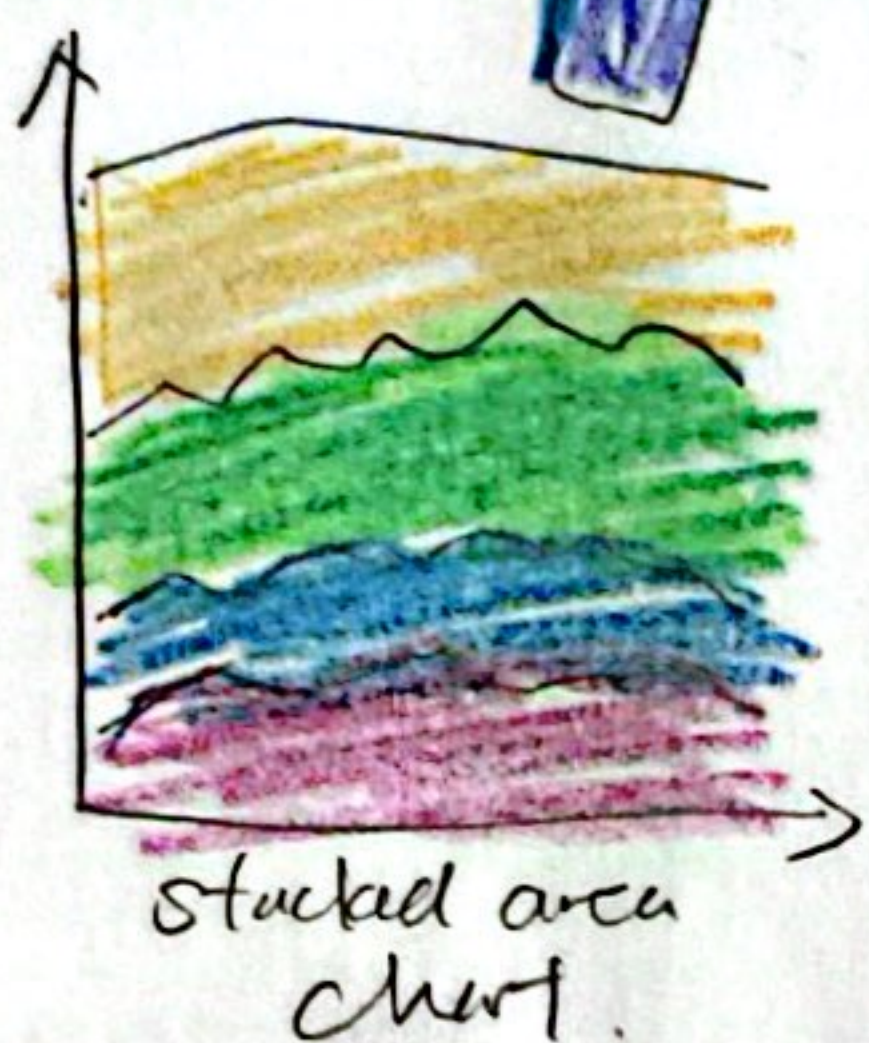
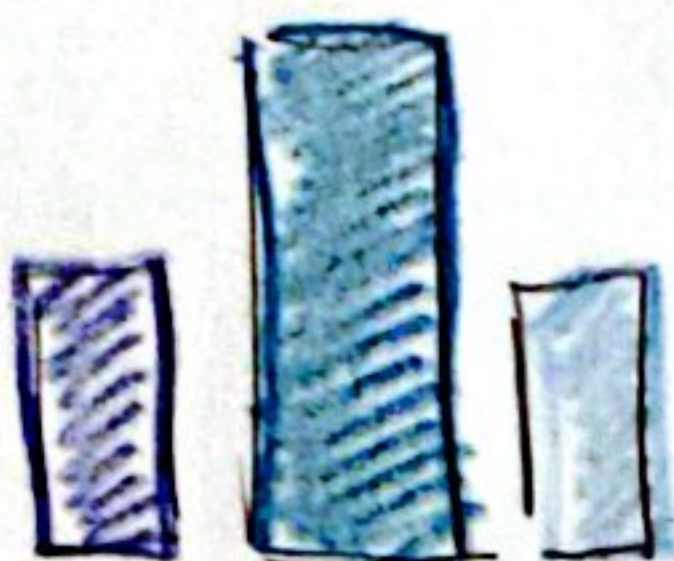
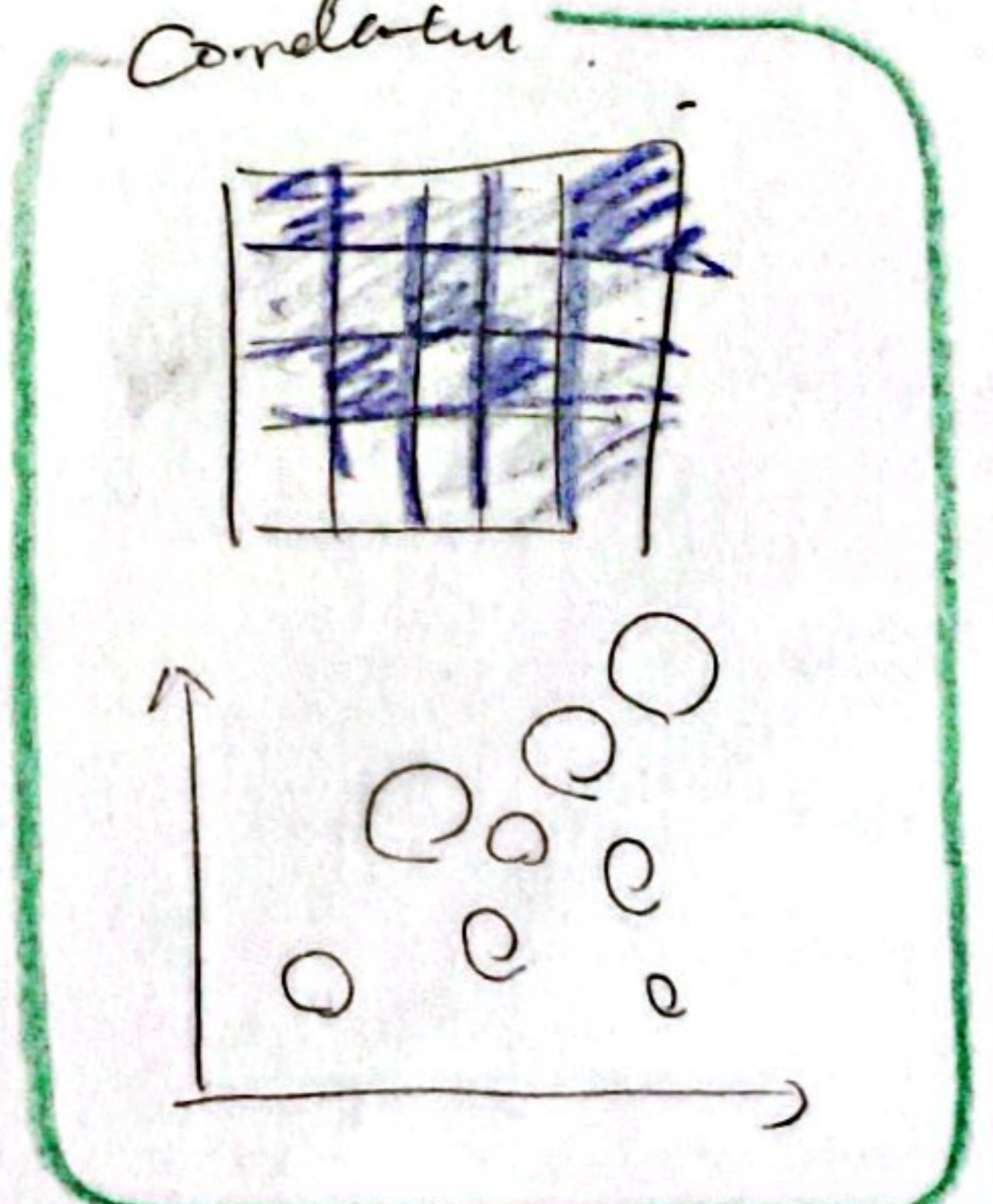
By category



Distribution

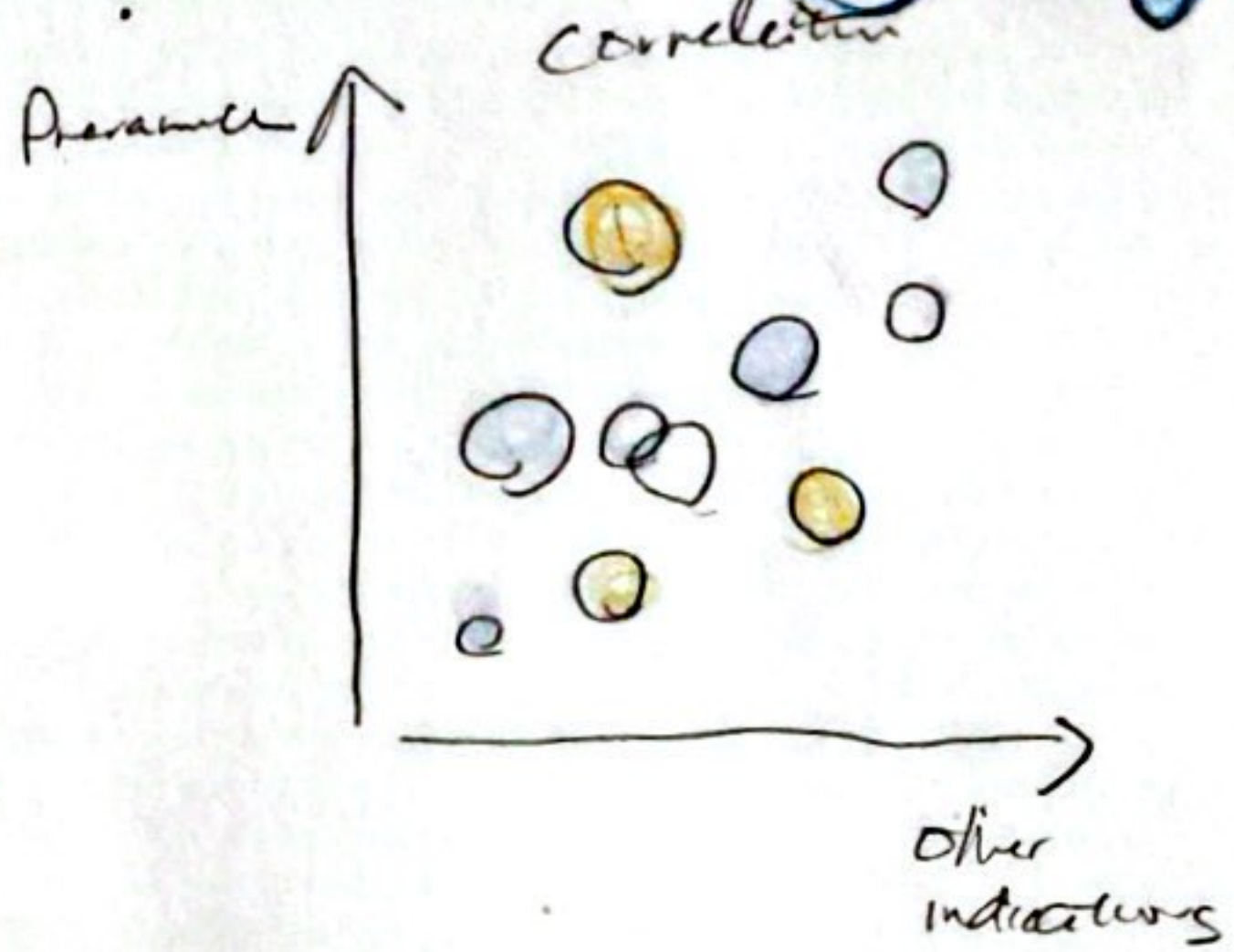
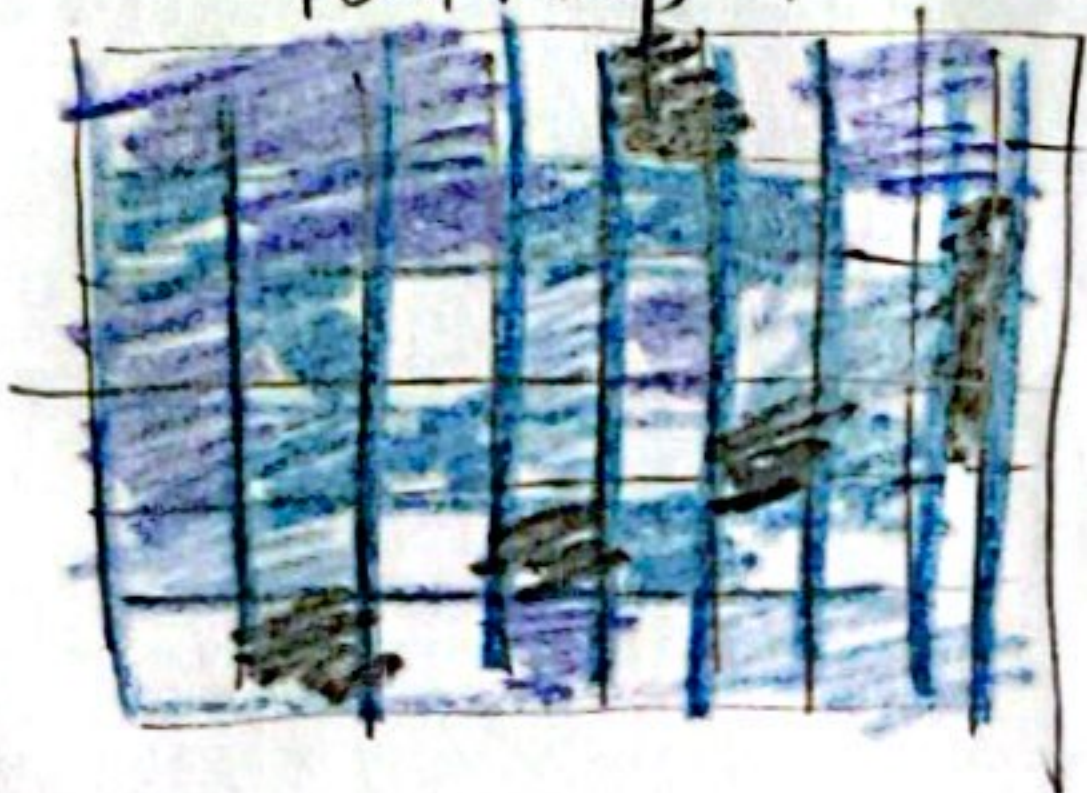
World map

Correlation

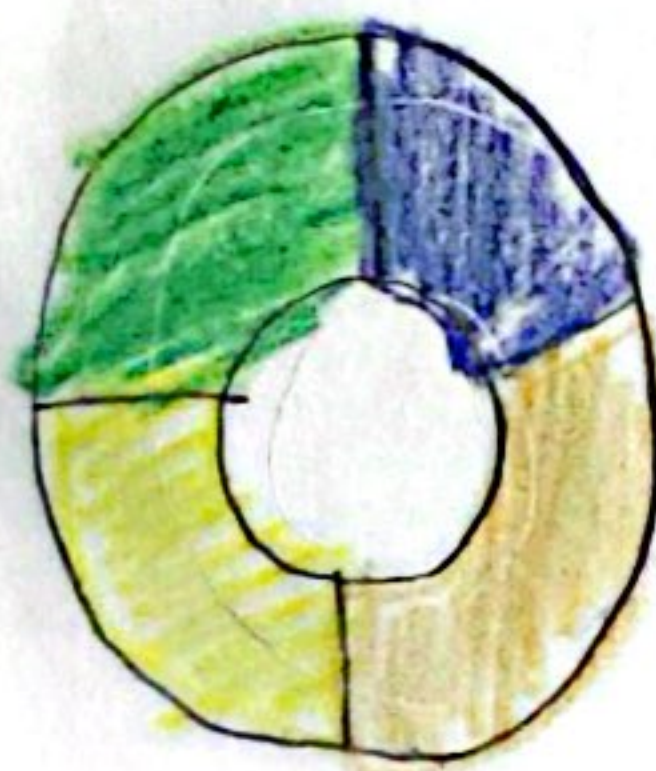


stacked area chart

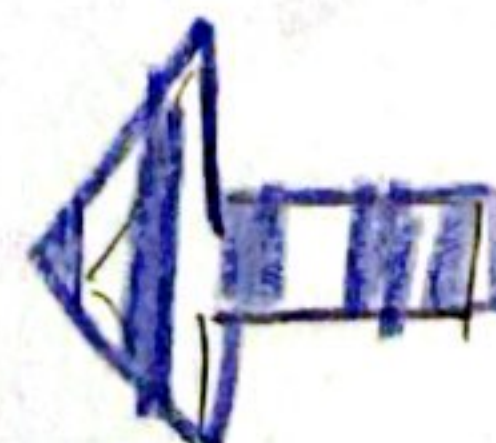
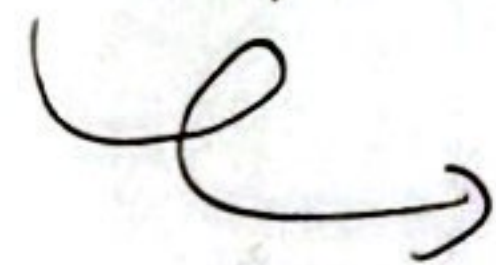
Heat map



Donut

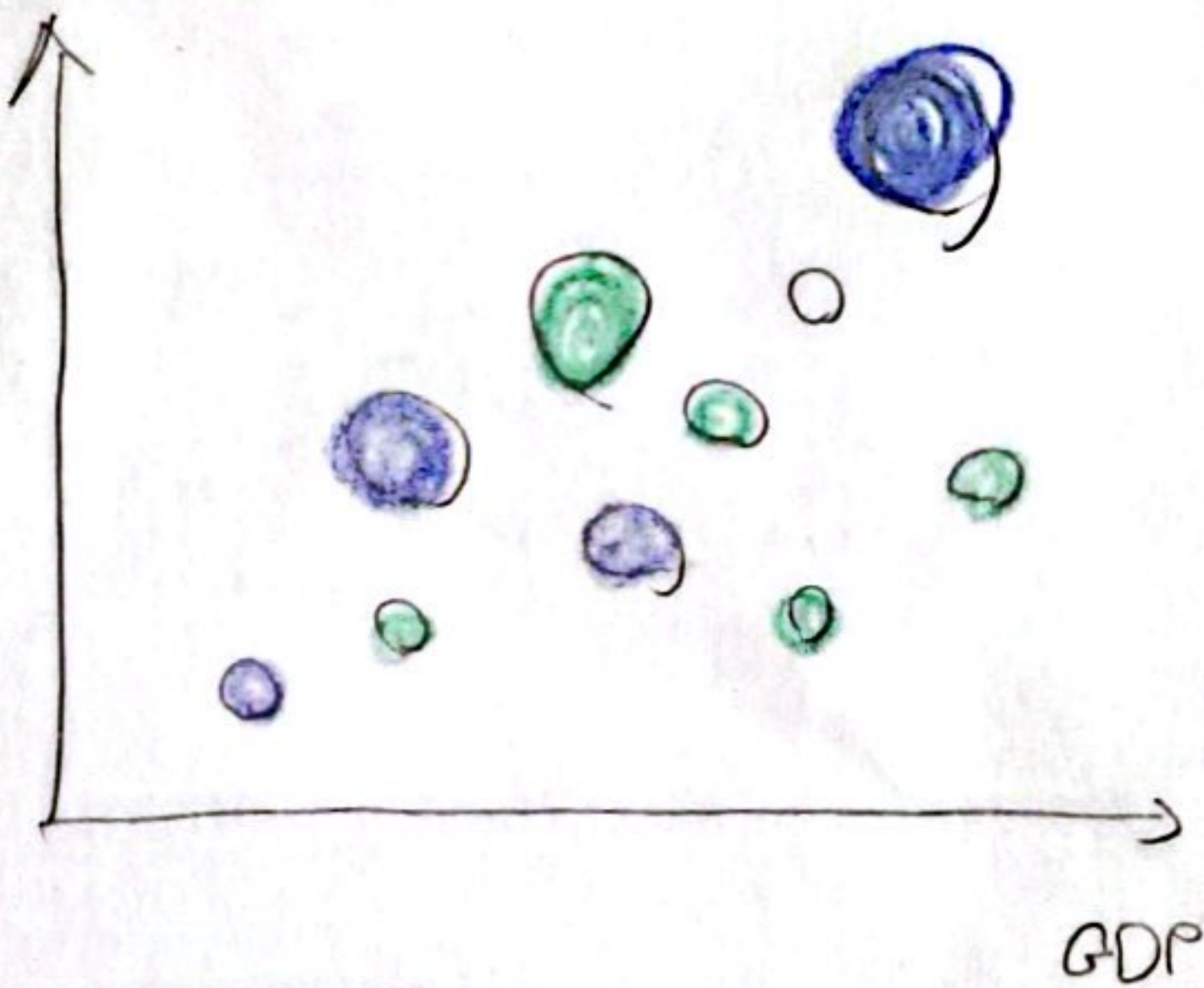


Filter



Combine & Refine

Depression



different disorder

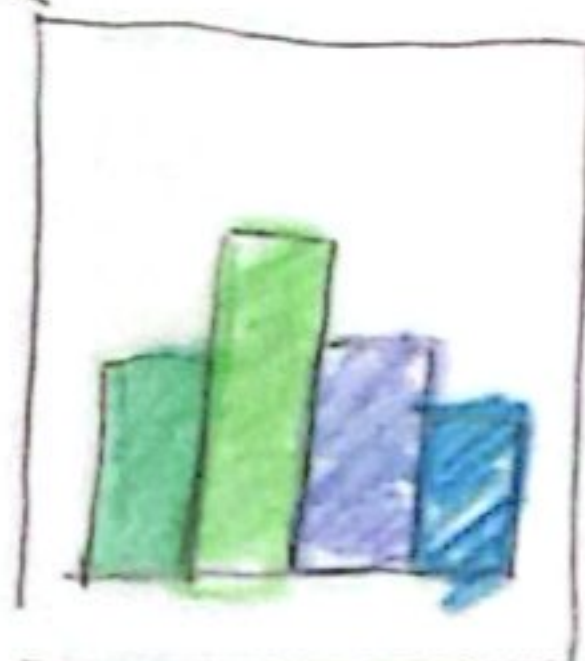
Lagart

Roboto

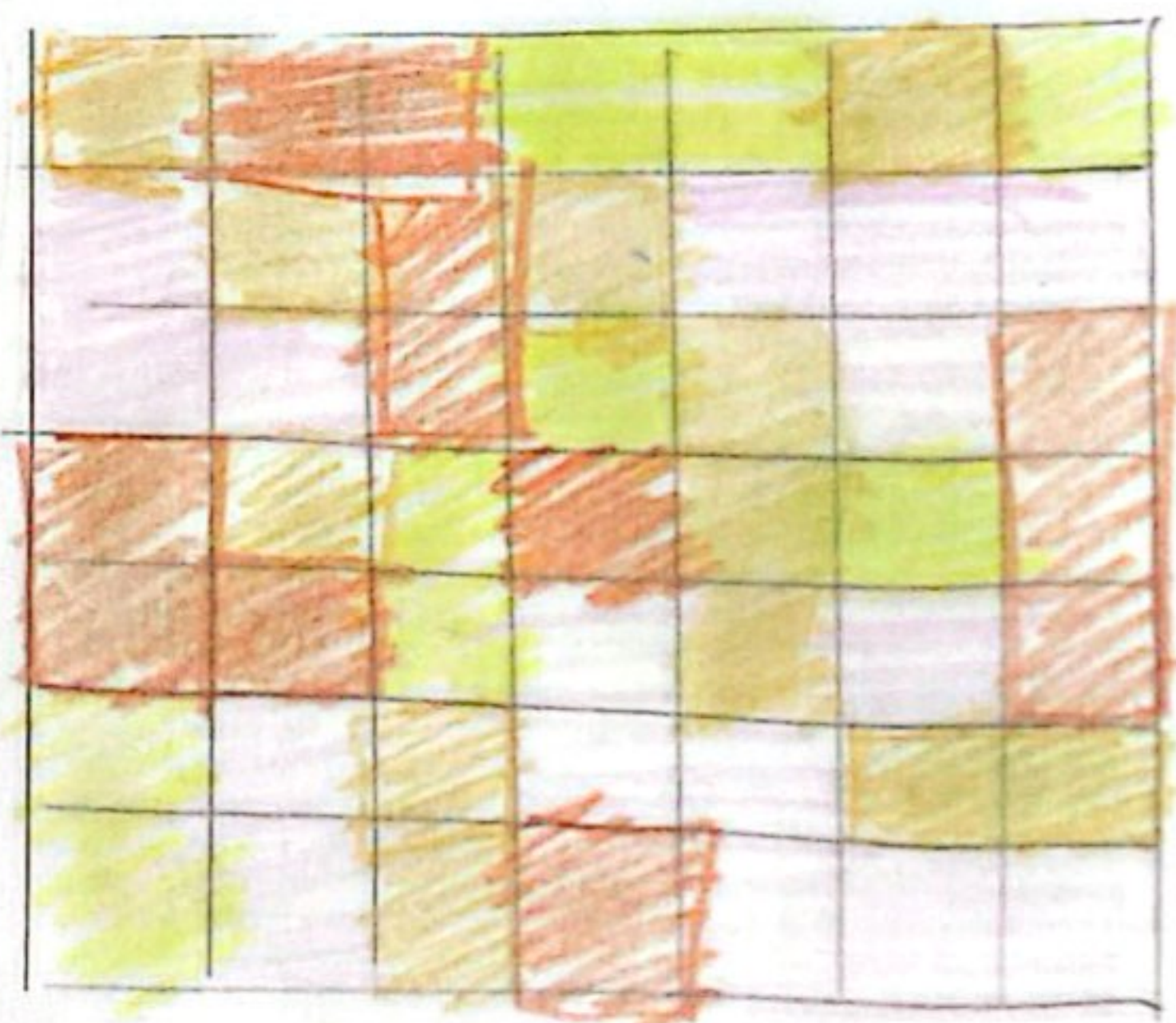
Prevalence of mental health



Hover over.....



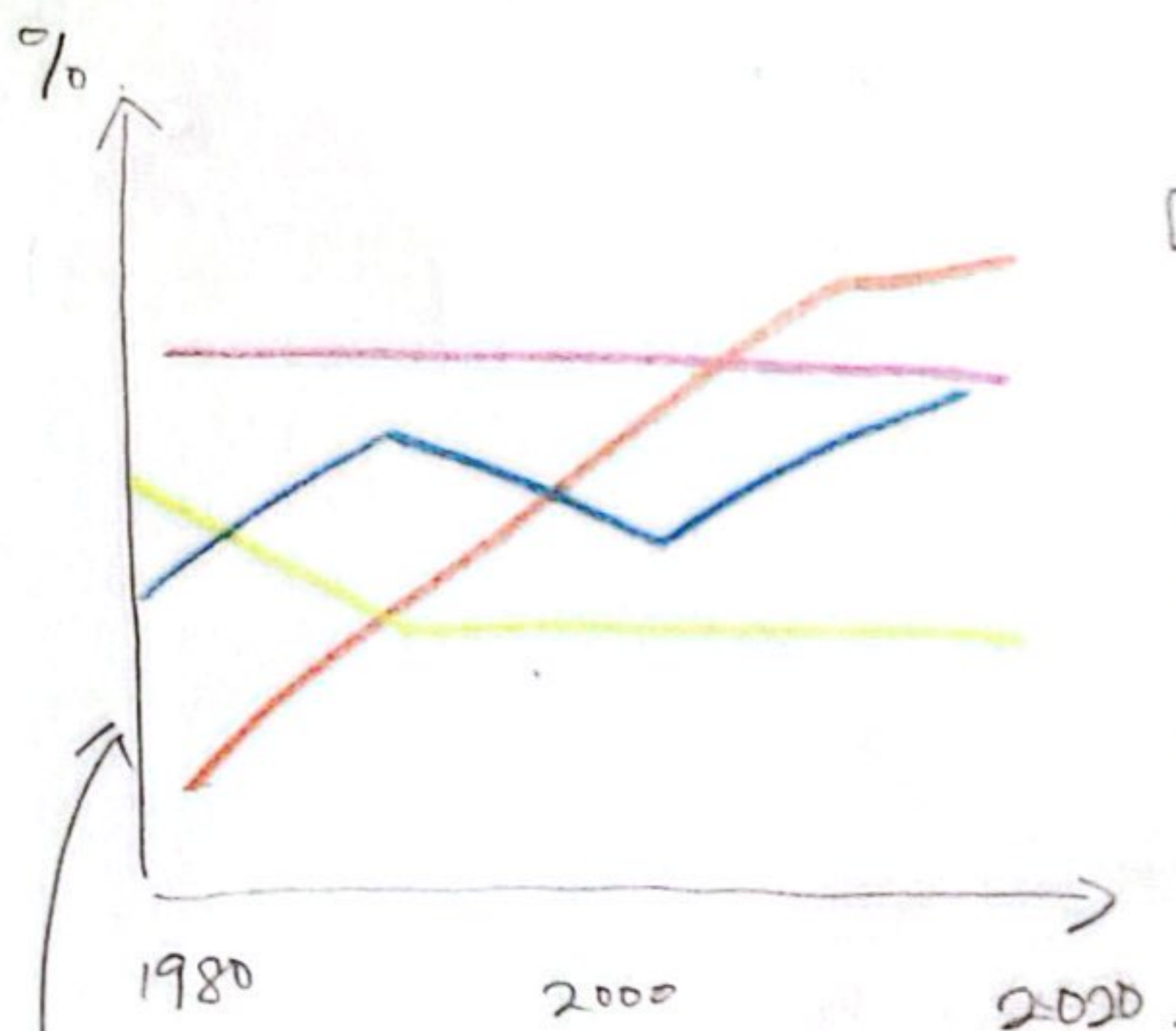
Correlation between behavior and different mental health.



visually aesthetic

Relevance
High
Low

Different behavior



Malaysia

Prevalence
- Schizophrenia
- Anxiety
- Depression

Separated by line

Title: Dashboard example 1.

Author - Akira Sato

Date: 12th Oct. 2024.

Sheet - FDS sheet 2.

Task: choropleth /
heatmap -
line chart.

Operation

- Hover over the map would pop up the prevalence of different disorder in the selected country.
- Drop down box to pick a country for the line chart.

Pros +++

- Choropleth / heatmap are visually appealing.
- Able to gain overall trend at glance.
- Have perspective globally and locally.

Cons ---

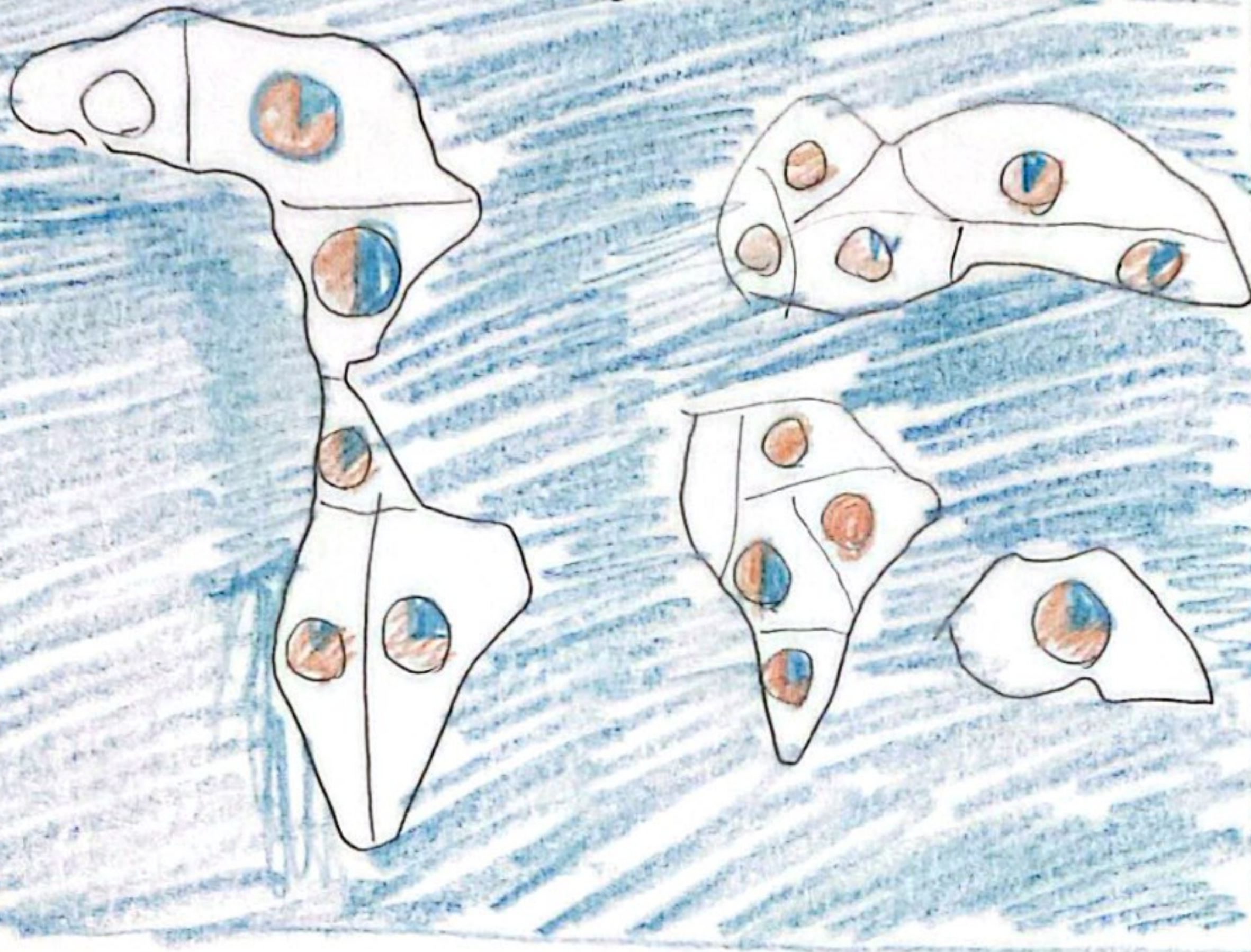
- Hard to compare one to one.
- Perception changes in heatmap due to its style of visualization.

Layout

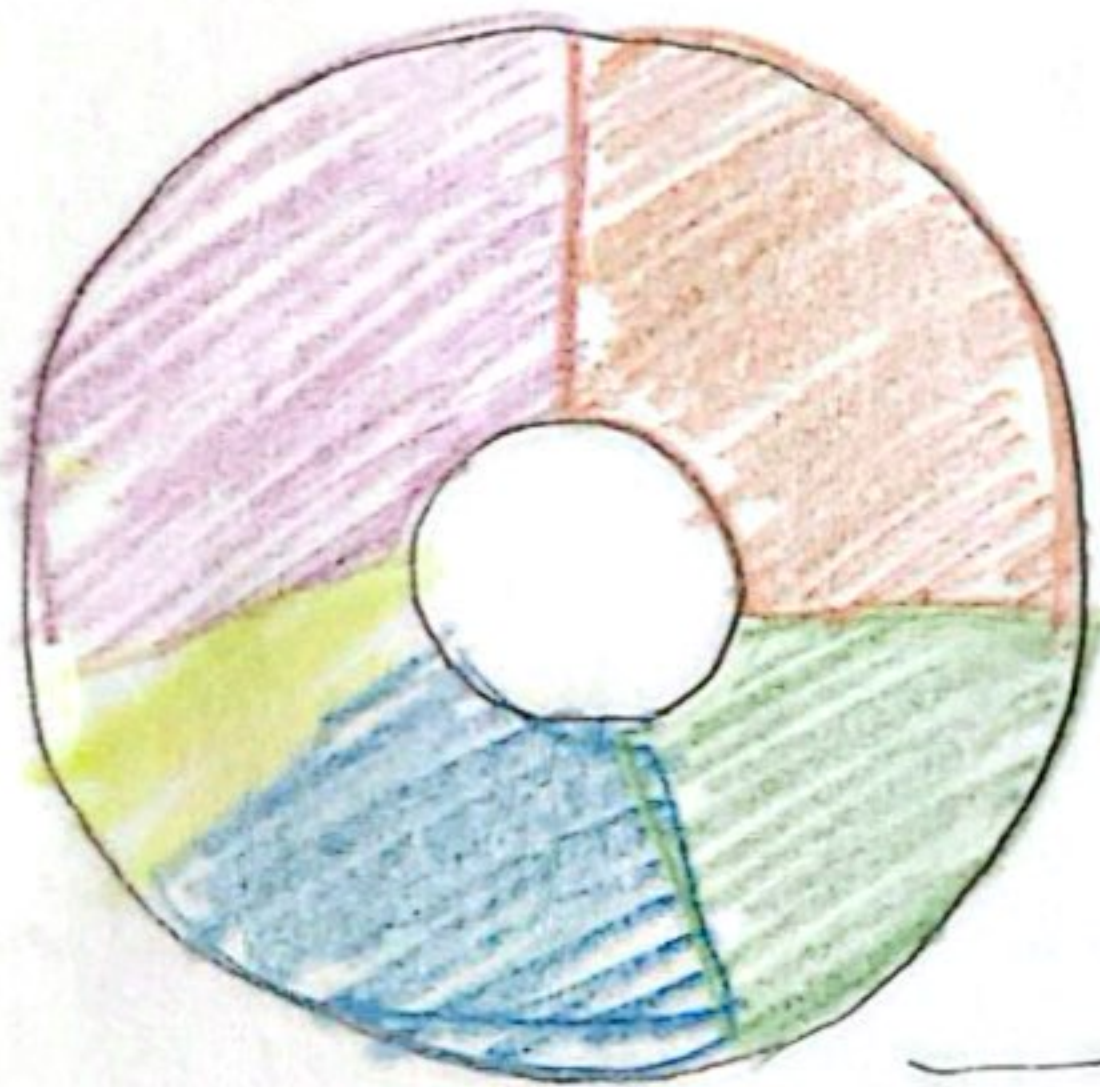
2010

2020

Felt lonely before (7%)

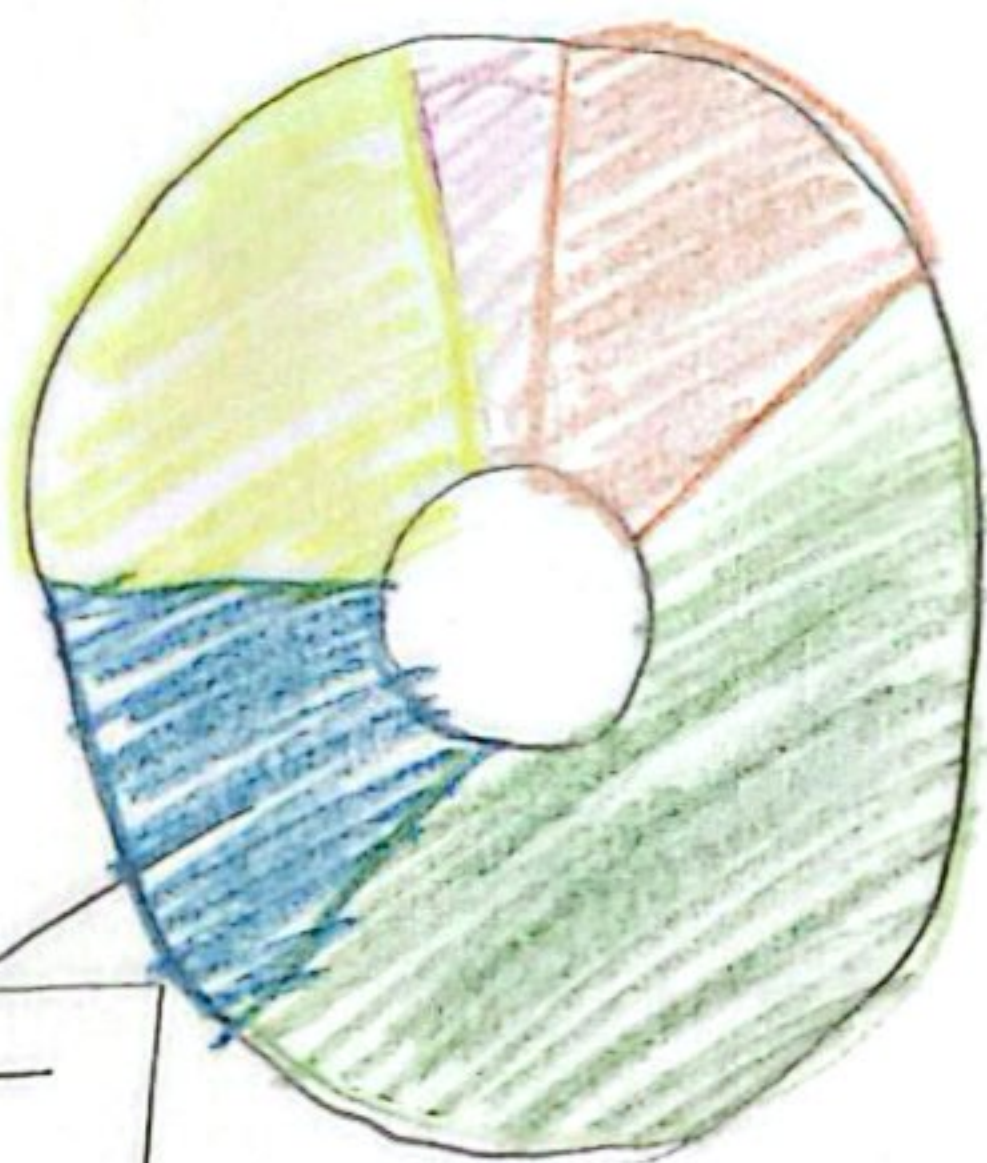


Yes No



Malaysia

Country —
Data —
Year —



Deployment



2010

2015

2020

year

Insight

Title: Dashboard ex3.

Author AKIRA SATO.

Date: 12th Oct.

Sheet FDS Sheet3

Task: Proportional symbolic map / donut chart
Stacked area chart

Operation.

→ Slider on the map to change the year.

→ Zoom in for proportional symbolic map

Pro

→ Visually appealing due to the color scheme

→ Ocean background.

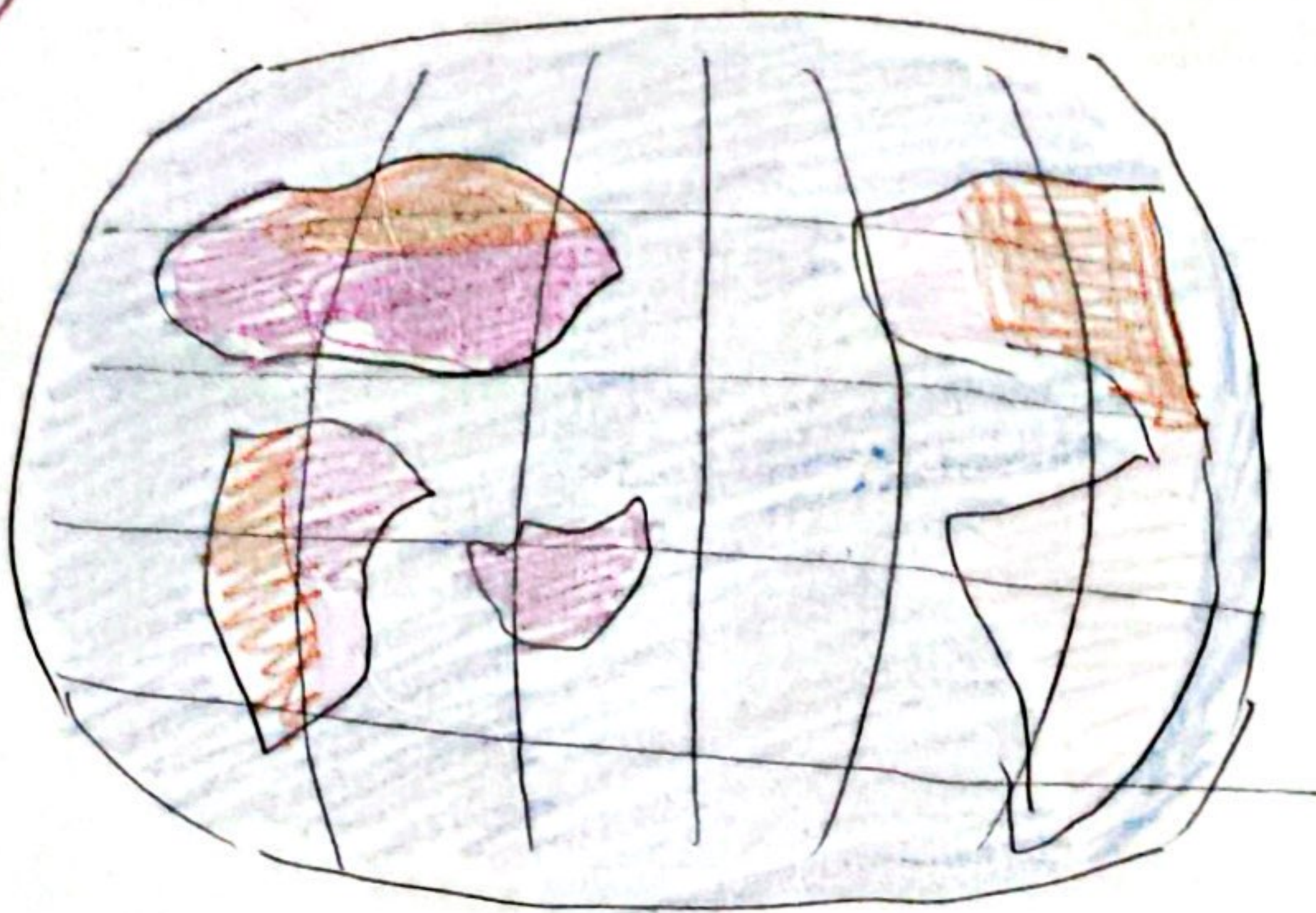
→ map allows to compare the data globally as well as ~~the~~ within the country

Cons.

- Maybe over cluttering due to the complexity of the maps.

Layout.

Robinson projection.



Title : Dashboard ex3.

Author : AKIRA SATO.

Date 12th Oct.

Sheet : FDS 4

Task - Proportional symbolic map / bubble chart
stacked bar chart
line chart.

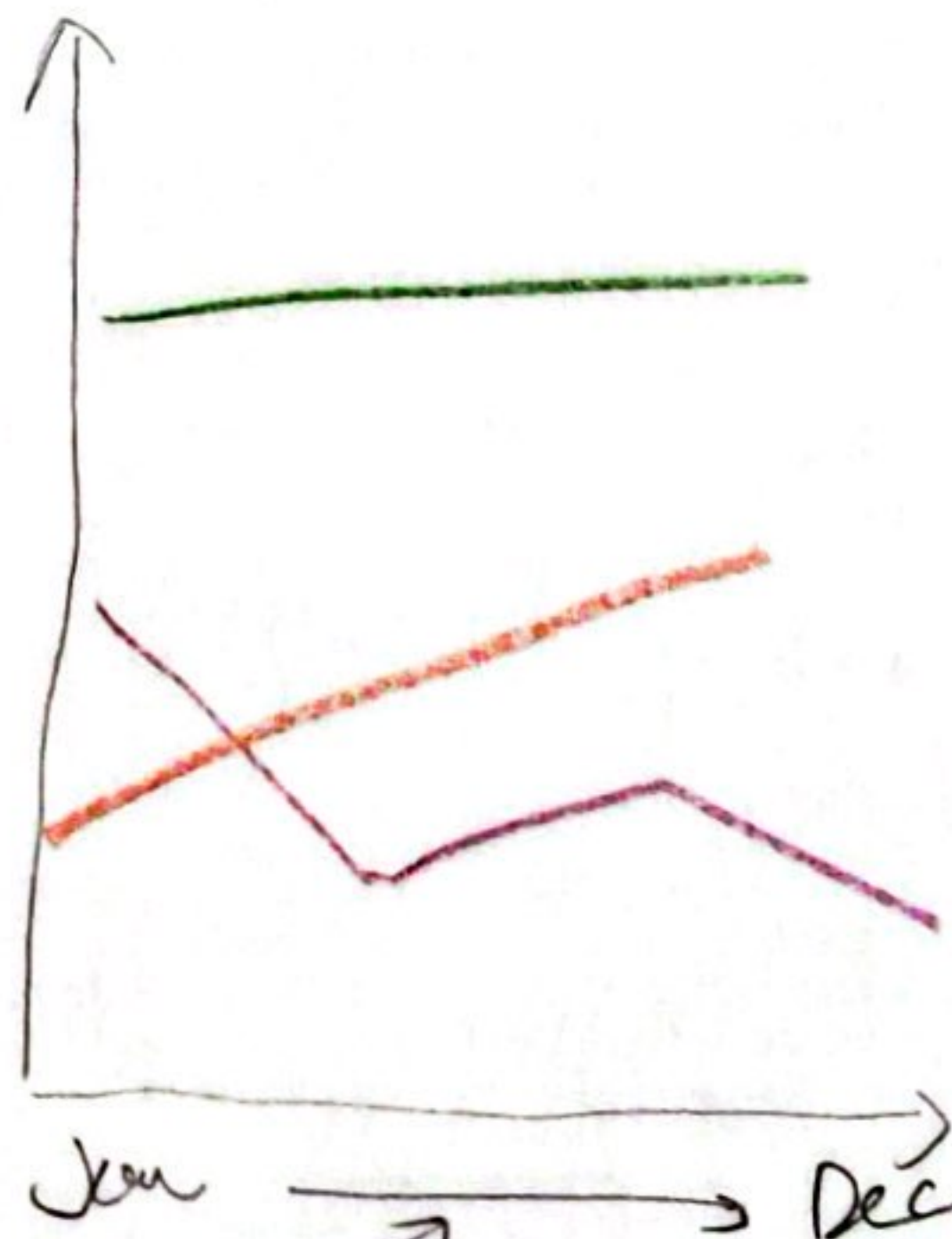
Prevalence.



Operation.

- Year slide bar.
- Continent selection.
- More detailed map with graticule.

%
Prevalence in male and female



2010

2022

acts on both

Pro

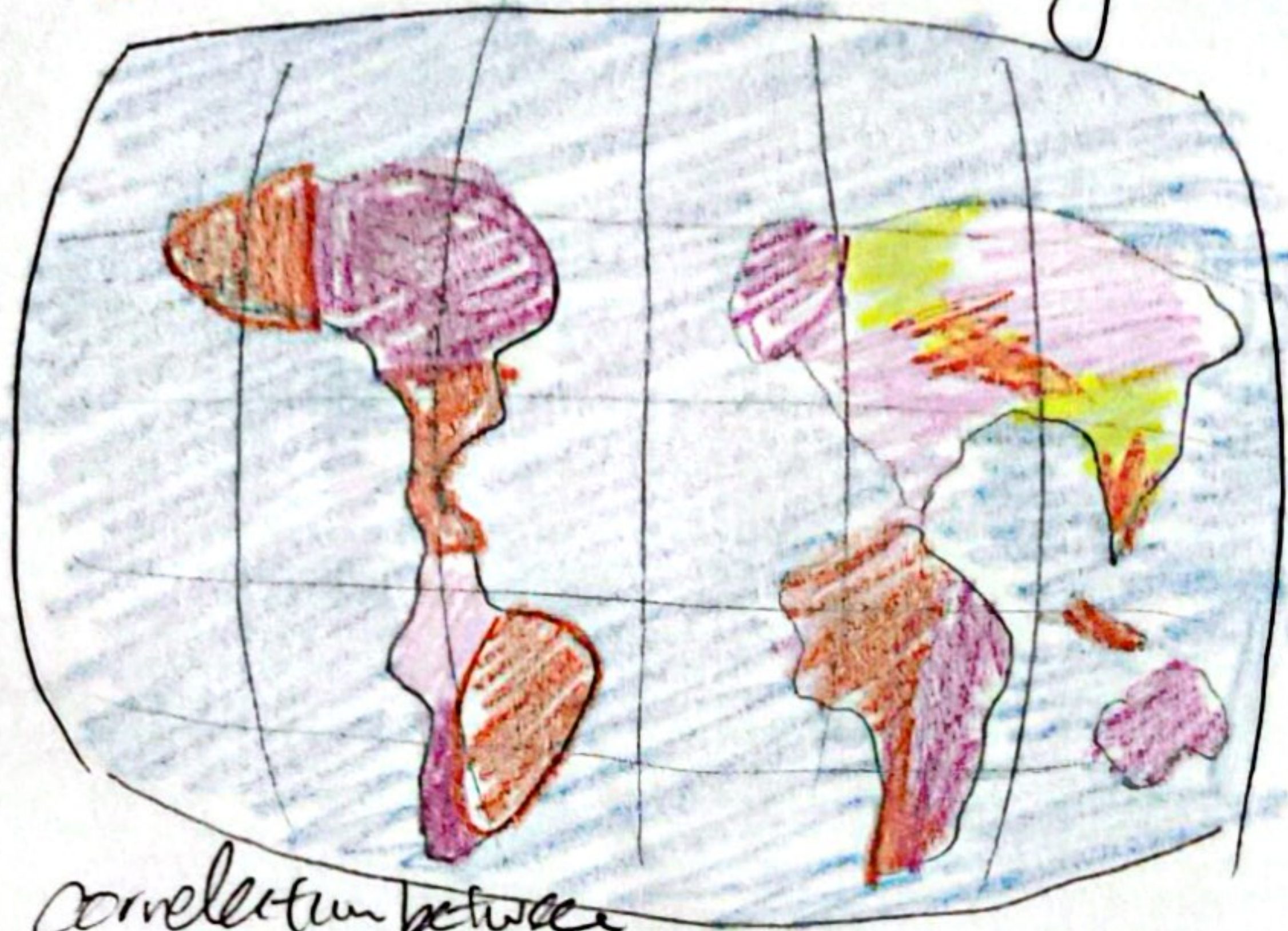
- Visually appealing
- Clear representation of world map.
- Bubble chart allows to show three dimensions for more insights.

Cons.

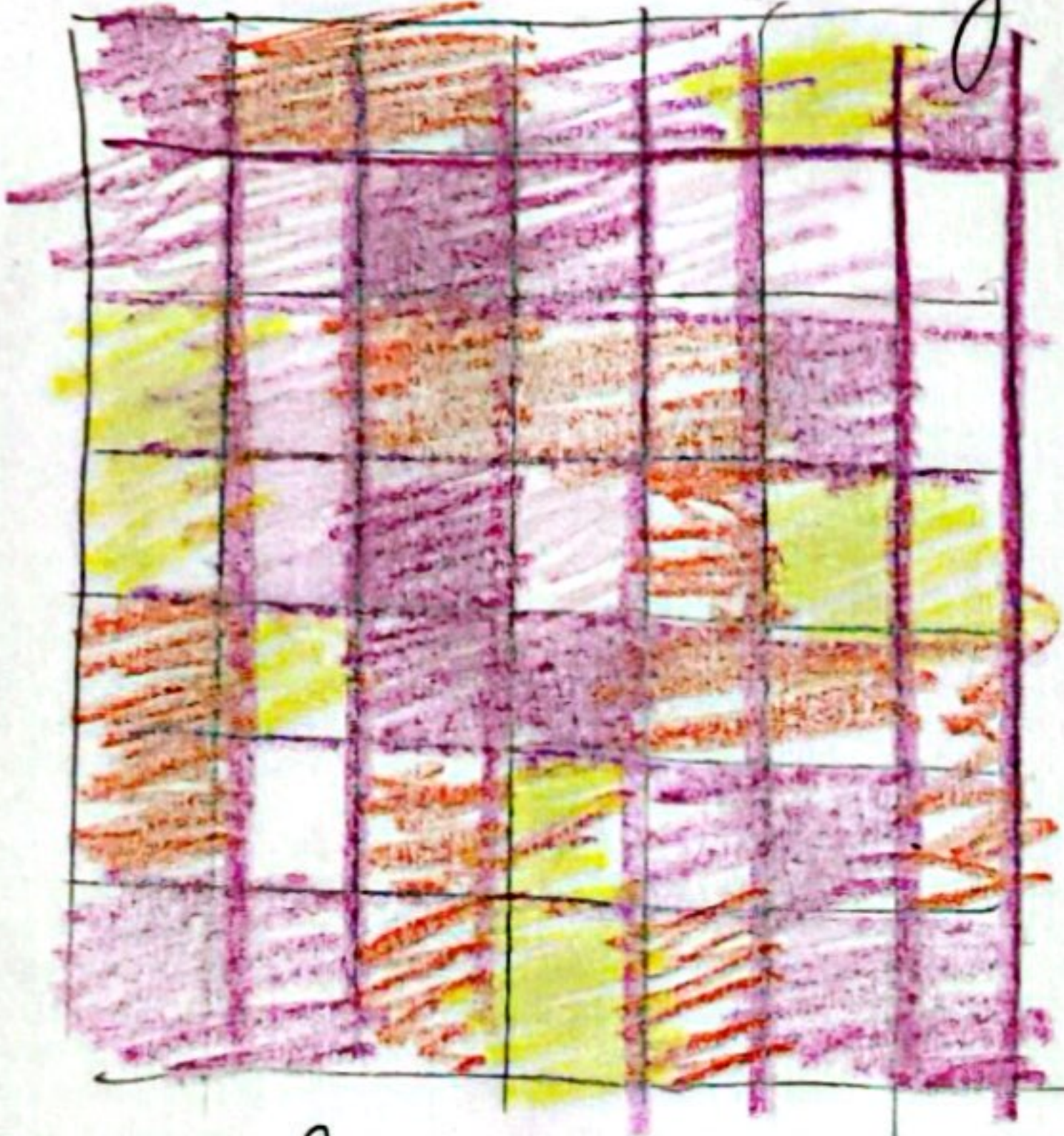
Some ideas may be too simple

Layout

Prevalence of anxiety disorder

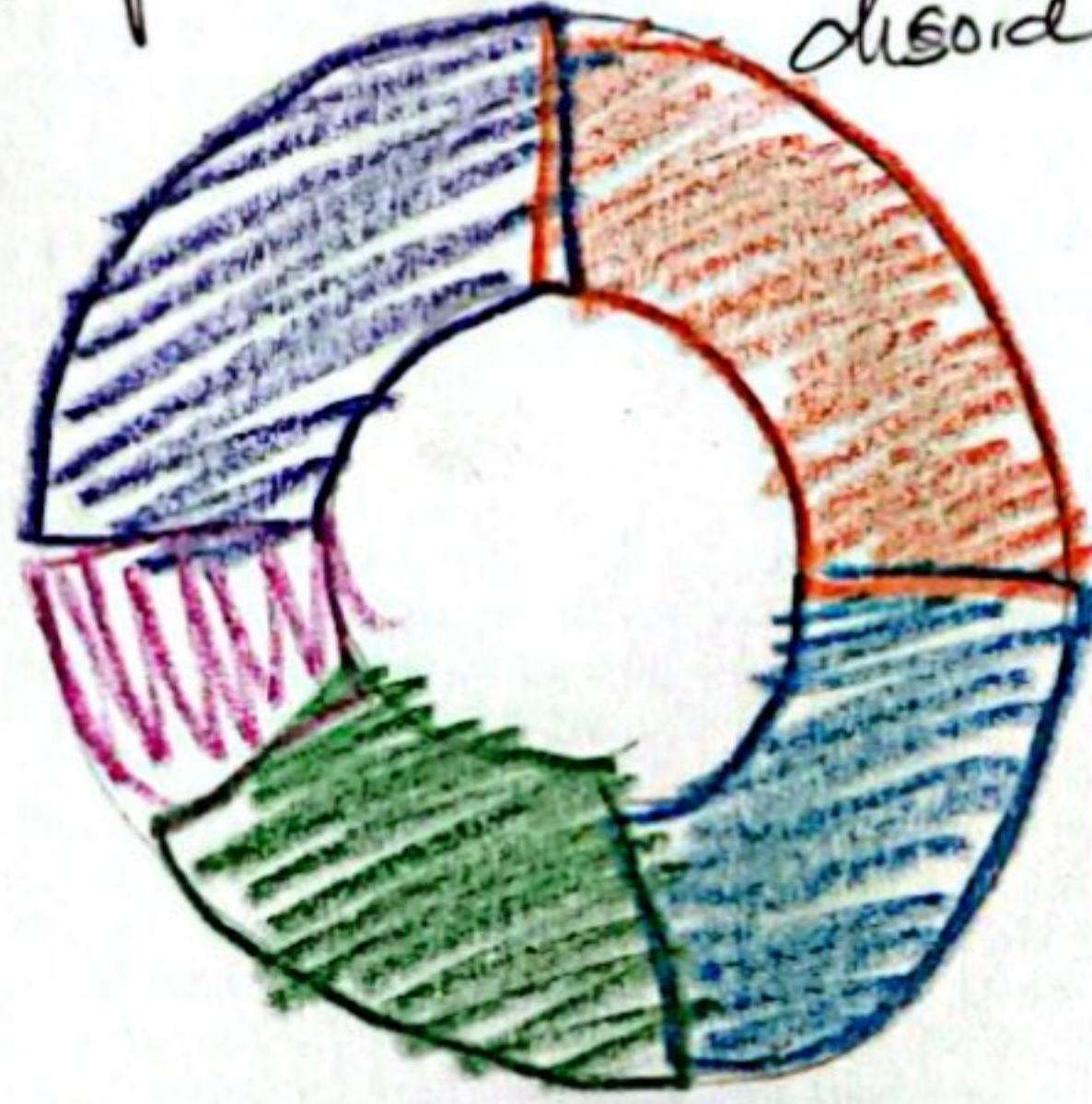


Correlation between
behaviour and anxiety

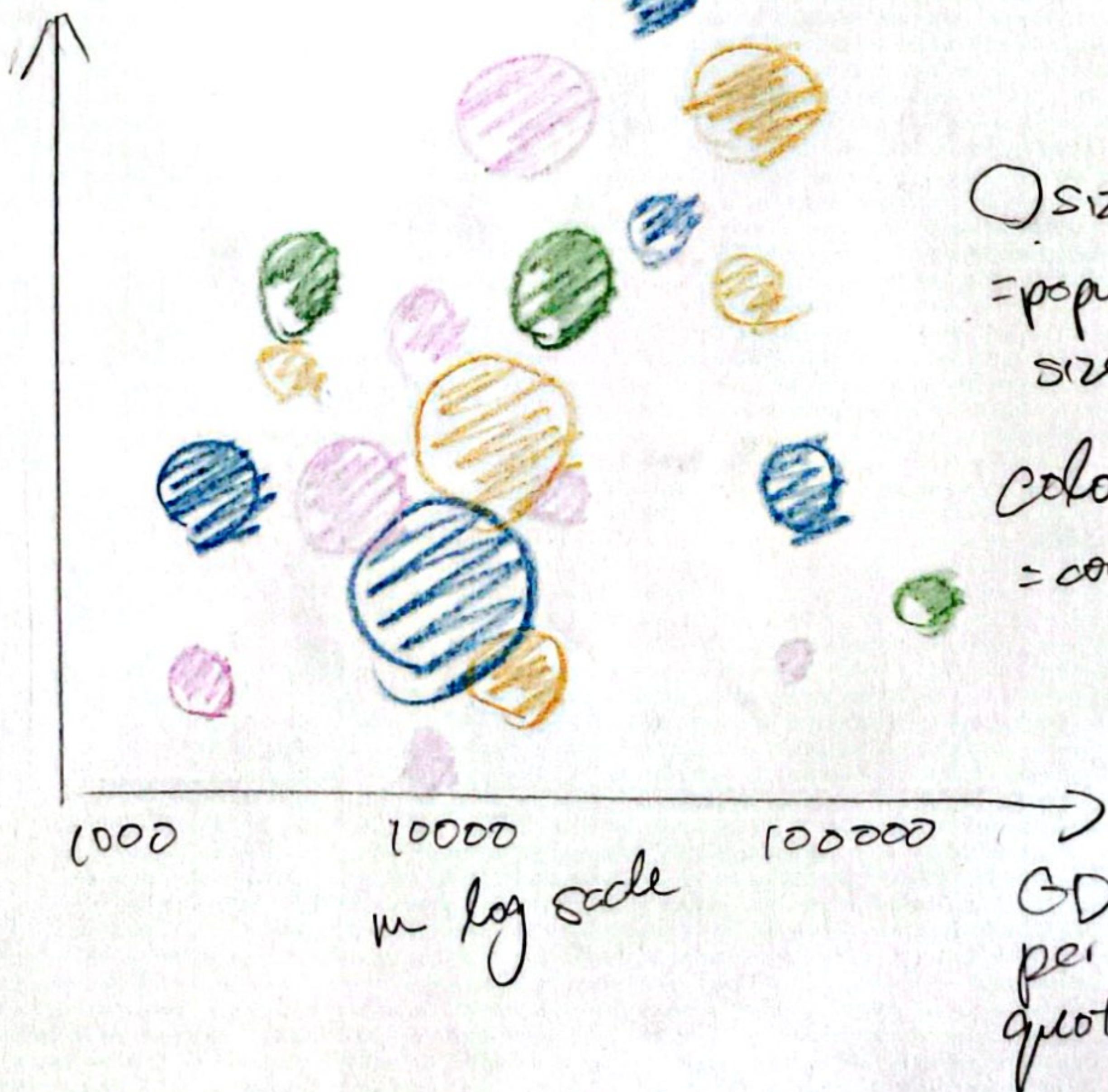


prevalence

Disorder ☒ ☐
Proportion of different disorders



☒ Country



Title: final design of dashboard

Author: AKIRA SATO

Sheet - FDS5

DATE: 12th Oct 2024

Task: Proportional symbol
map / heat map.
donut chart / bubble

Operation

→ Dropdown box for

→ country

→ Type of mental disorder

→ Year

→ Continent

Pros.

→ Attractive design with a variety of colours

→ Multidimensional chart.

→ Able to gain insights for disorder pattern / economical perspective / demographical perspective

Cons.

→ May look overwhelming