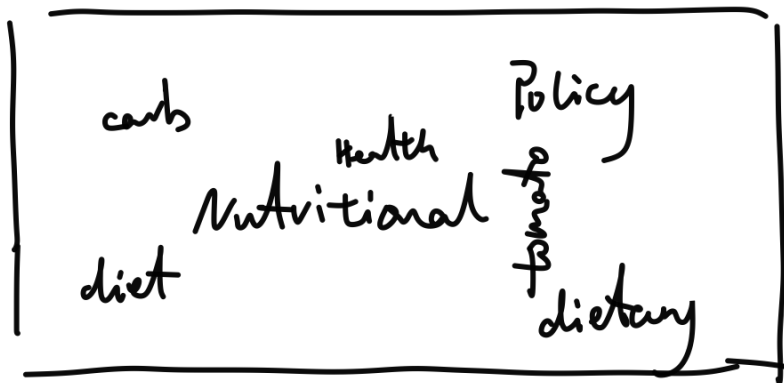
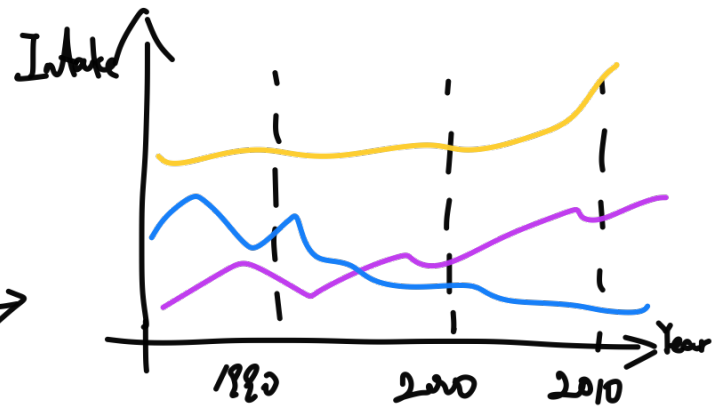
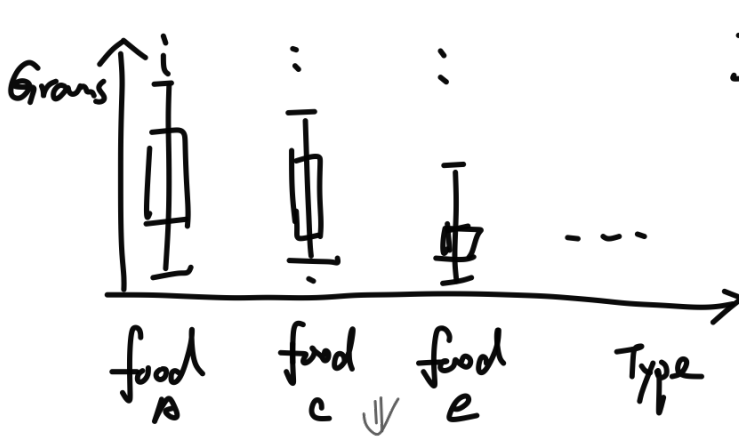


Group 8: Nutritional Intake

Part I \Rightarrow Overview with WorldCloud

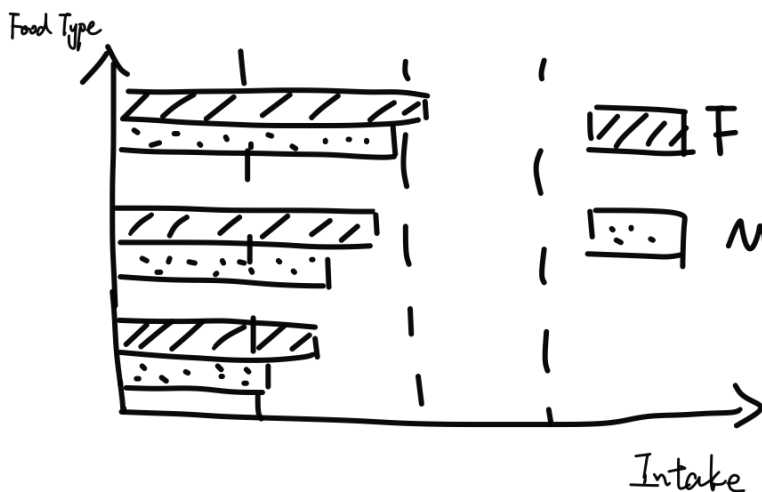


Text scrapped from Twitter to show case the overview, what are people discussing.



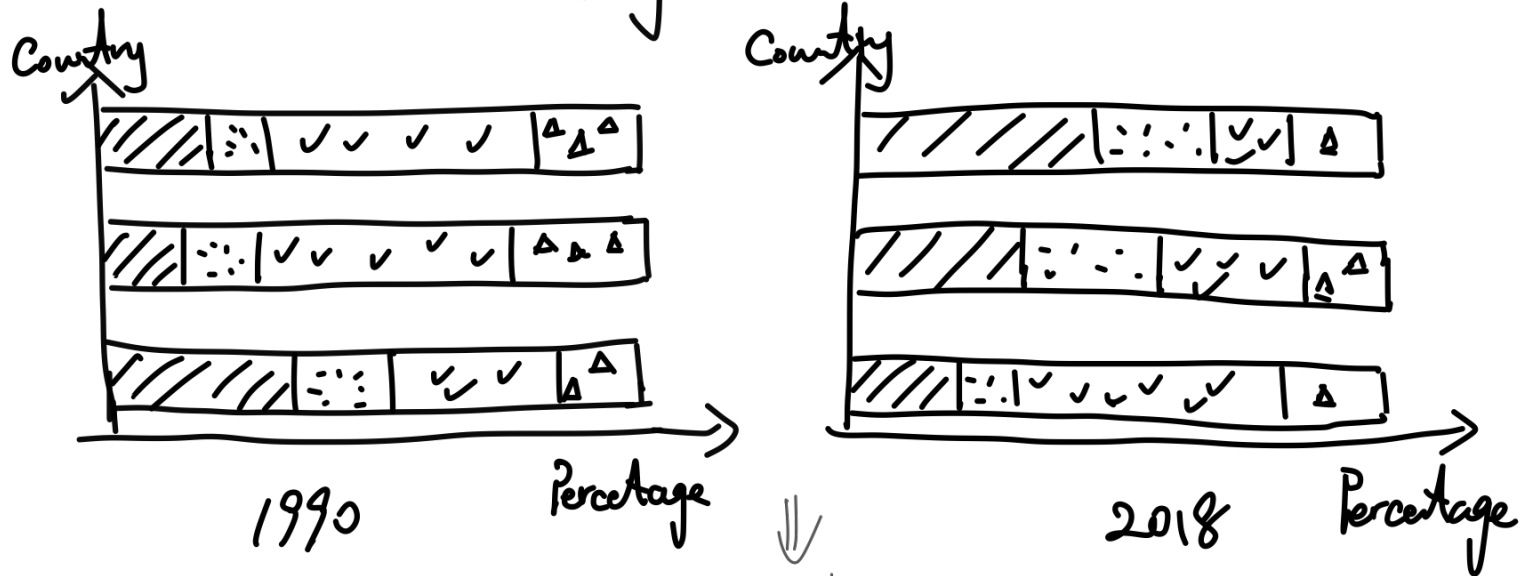
Average food intake worldwide in daily manner, with box plot. Can get the idea of important food to further dig into.

Food intake trends, averaged by worldwide data, get concept of how people's dietary structure change historically.



Flipped bar chart: is there's gender based difference in food consumption?

Part 2 \Rightarrow Dietary Structure

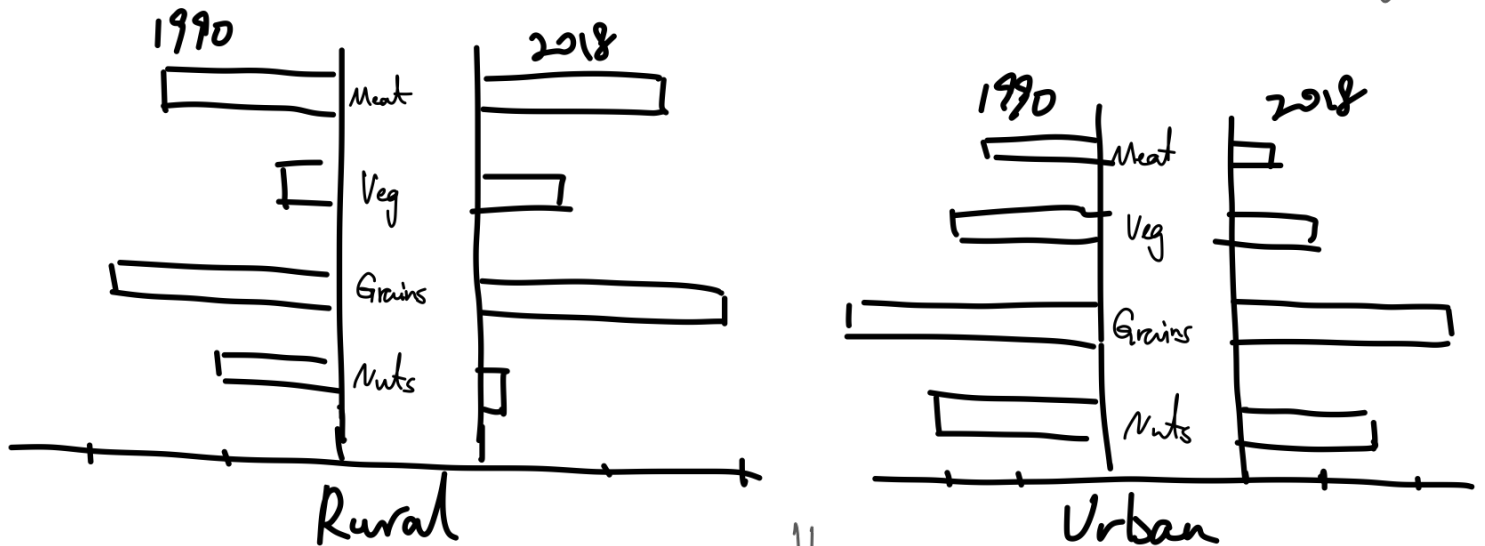


Stacked Bar Chart in Pairs

From 1990 to 2018, how countries (rank & filter) by GDP dietary structure change over time.

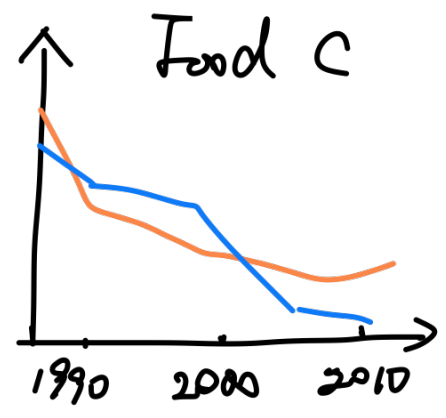
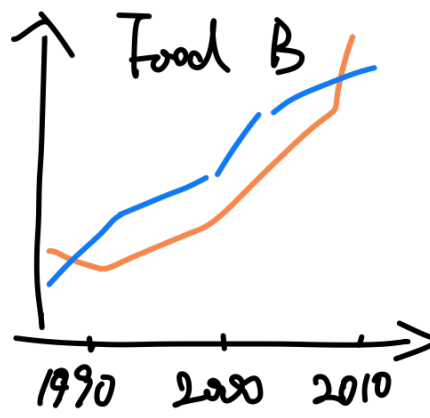
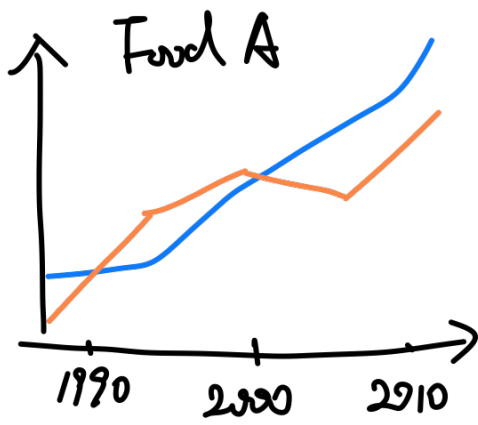
\rightarrow percentage = intake / country total

And see if there's a country have significant change



Pyramid Shaped Chart

If there's one / few countries show significant changes above explore more about it in other variables level, like in area wise, and in gender wise.

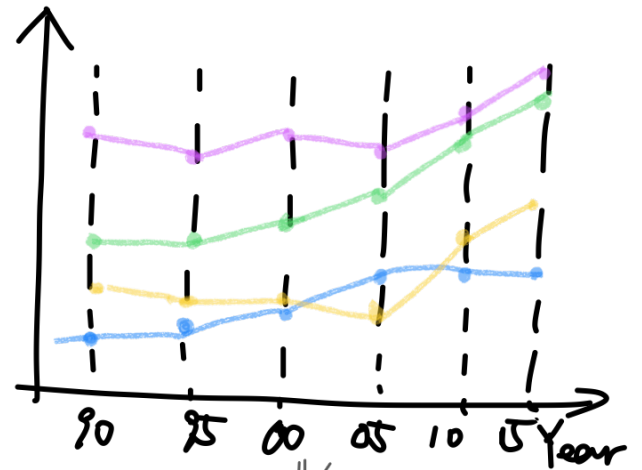
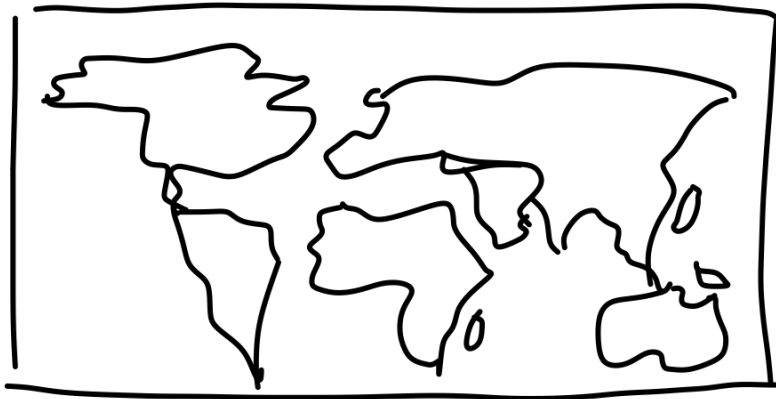


F



M

Line Chart for Specific Food Intake Historically



World Map with Layers, Food Intake Distribution

Dot Plot grouped by Continent

For the specific food A/B/C, visualise interactively with map, if no significant change countrywise, group by continent.

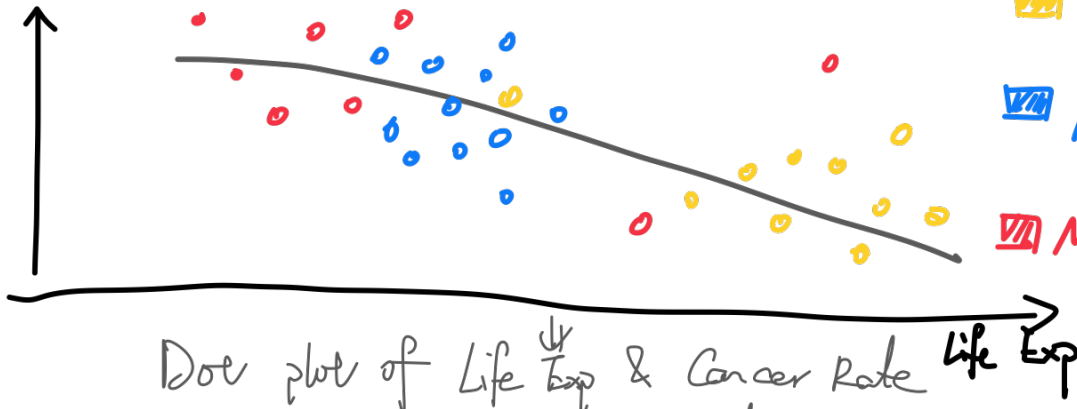
Part 3 \Rightarrow Nutrition & Health

Cancer Rate

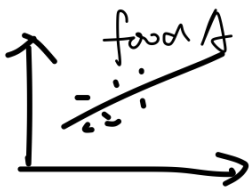
High Income Country

Asia & Oceania

Middle & East Africa



Dot plot of Life Exp & Cancer Rate
First have a look of relationship between life exp and cancer rate.



Life Exp & Food Intake



Cancer Rate & Food Intake



Lastly, for the latest year where data is available, do the regression of food intake and life exp, cancer rate.