#### Tongfei Zhu - Lab 2 - Chart Selection

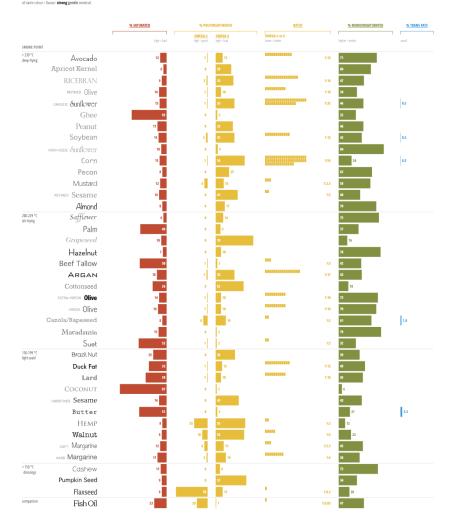
#### 1. Cocktails Chart



- a. Link: https://informationisbeautiful.net/visualizations/cocktails-interactive/
- b. Chart Styles:
  - i. Part-to-Whole
  - ii. Distribution
- c. Retinal Data Points:
  - i. Size: Quantity, amount of ingredients used for each drink
  - ii. Color: Selection, type of ingredient used
  - iii. Shape: Association, shape of glass, fruits added

## 2. Oil Well

#### Oil Well



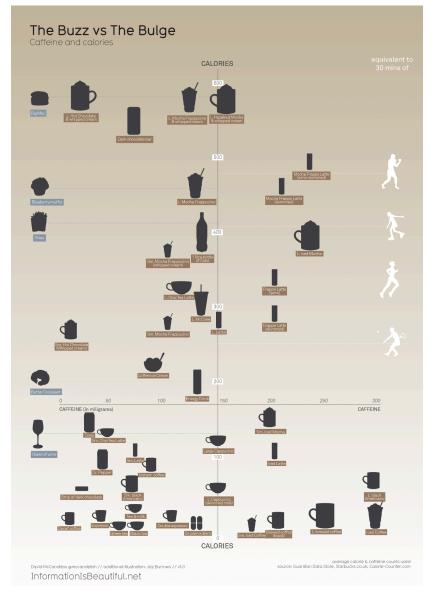
#### a. Link:

https://informationisbeautiful.net/visualizations/oil-well-every-cooking-oil-co mpared/

- b. Chart Styles:
  - i. Ranking
  - ii. Magnitude
- c. Retinal Data Points:
  - i. Color: Selection, the type of oil, e.g: saturated, desaturated etc, color of healthiness
  - ii. Size: Quantity, amount of saturation %, ratio of Omega-3 vs 6

iii. Putting the oils in height order from top to bottom to indicate the smoke point

### 3. Caffeine vs Calories

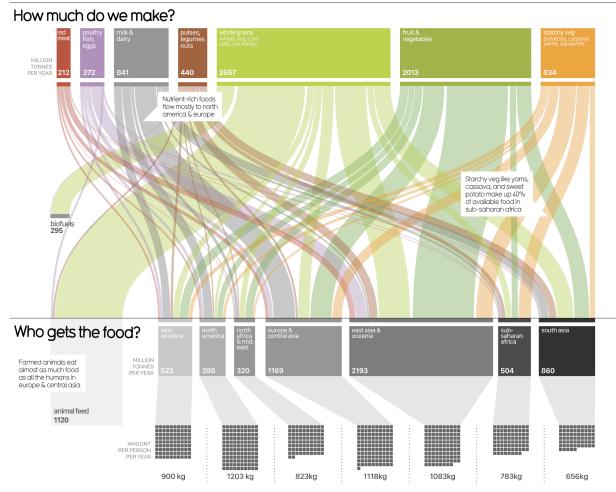


- a. Link: https://informationisbeautiful.net/visualizations/caffeine-and-calories/
- b. Chart Styles:
  - i. Correlation
  - ii. Spatial
  - iii. Ranking
- c. Retinal Data Points:
  - i. Shape/images: Association, the type of drink

- ii. Color: Selection, comparing these beverages to everyday foods
- iii. Using the x and y axis to indicate the amount of caffeine vs calories

## 4. Where does all the food go?

# Where Does All The World's Food Go?

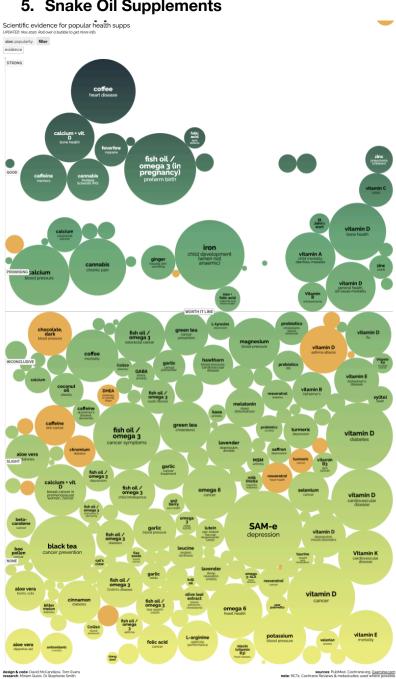


a. Link:

https://informationisbeautiful.net/visualizations/global-food-supply-where-do es-all-the-worlds-food-go/

- b. Chart Styles:
  - i. Magnitude
  - ii. Distribution
  - iii. Flow
- c. Retinal Data Points:
  - i. Size: Quantity, amount of food going into each region, how much food each country gets

- Color: Selection, the different types of food ii.
- Value: Selection, the different regions iii.



### 5. Snake Oil Supplements

a. Link:

https://informationisbeautiful.net/visualizations/snake-oil-scientific-evidence-f or-nutritional-supplements-vizsweet/

b. Chart Styles:

- i. Spacial
- ii. Ranking
- iii. Correlation
- c. Retinal Data Points:
  - i. Value: Order, the darker the circles and the higher up they are the more promising the health effects are
  - ii. Size: Quantity, showing how popular each supplement is
  - iii. Color: Selection, differentiating the safer supplements vs the ones that need more attention