

Assignment 5 Part 2

Tianying Zhang Shenhao Li Anthea Yichen Li

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1 Project Description

2 Data Visualization

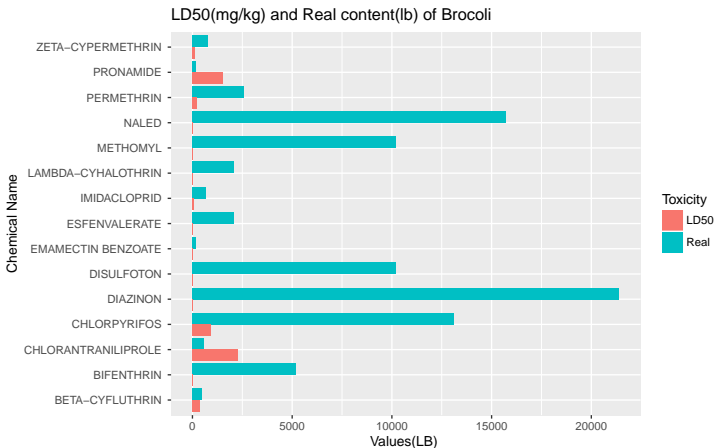
- LD50(mg/lb) and Real content(lb) of Brocoli
- Conclusion
- LD50(mg/lb) and Real content(lb) of Cauliflower
- Conclusion

Project Description

This project is designed to analyze the amount of restricted use chemicals contained in the vegetables, specifically broccoli and cauliflower. After clean, organize, visualize and analyze the raw data from United States Department of Agriculture and United States Environmental Protection Agency, we got the following graphics and conclusions.

Data Visualization

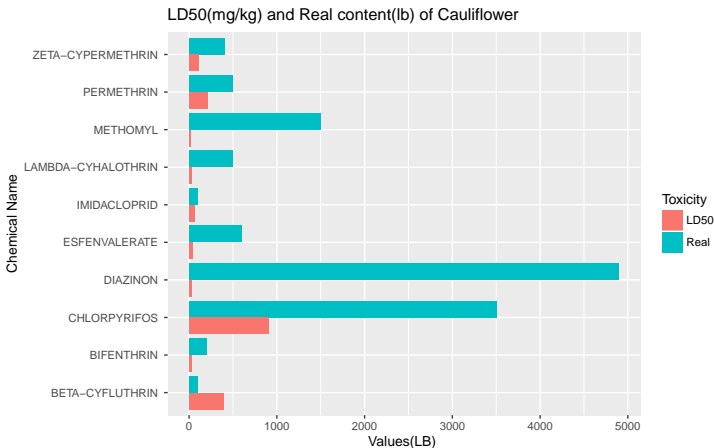
LD50(mg/kg) and Real content(lb) of Broccoli



- The graphic shows that almost all the restricted use chemicals contained in broccoli exceed the amount of Lethal dose (LD50) in experiments except the chemical PRONAMIDE.

Data Visualization

LD50(mg/kg) and Real content(lb) of Cauliflower



- The graphic shows that almost all the restricted use chemicals contained in broccoli exceed the amount of Lethal dose (LD50) in experiments except the chemical BETACYFLUTHRIN.