Alexion Clinical Trails Study Summary

Top 3 diseases

Accroding to our analysis of large amounts of diseases, we figure out that there are 3 clinical studies that have more than 1.6 billions people to participate, which could be specified as liver, muscle, and Parathyroid Hormone diseases.

Sampling effects

By observating different variables such as age, gender, and locations, there is a 80% high enrollement in particular locations. Most people would prefer to NIH instead of foreign countries(China, Frances, UK, etc.). Morover, majority participants are all genders and strating from around 1 year old. The flexibale and diverse sample requirements dramatically increase the effectiveness and advantages to study.

Funding resouces

National Institutes of Health Clinical Center(NIH) provide 90% and above supports and funding to most of the disease study. Based on our anaylsis, we found out that pubilc investment lead more sucessful results to the trails.

5 Future Trends

In the future, techology will be the key to success of clinical study. Mobile wearable like fitness tracker(iwatch) and heart rate monitors could greatly imprive the effectiveness of data collections. Also, blockchain and encryption methods allow secure access to clinical trail information in front of a open data digital world.

Graphic analysis

We utilized analysis tools Tableau and excel to retrive the data we want to create various visual understanding charts and graphics. To use related medical disease images and column chart comparision, our graphic illustrate every step of analysis with better conclusions in clinical trail study.