**Statistical analysis plan**

**Descriptive table and graph:**

**Model:** Multilinear regression

**Outcomes:** Obesity; Diabetes; Stroke\_Hosp

**Main predictors:** Percentage of Amercian(Chinese) restaurant; Percentage of certain fast-food restaurant (e.g., McDonald); Percentage of grade A(or C) restaurant; Percentage of certain restaurant Company; Percentage of high composite health score restaurant.

**Adjusted variables:** Racewhite\_rate, Poverty, Smoking, Surgary\_Drink, Exercise.

Example model:

Obsesity =McDonald\_percent + Racewhite\_rate + Poverty + Smoking + Surgary\_Drink + Exercise