**Statistical analysis plan**

**Descriptive table and graph:**

**Model:** Simple linear regression, Multilinear regression

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

**Main predictors:** Percentage of certain fast-food restaurant (e.g., McDonald); Percentage of grade A(or C) restaurant; Percentage of fast food cuisine type restaurant [dataset: combined\_boro].

**Adjusted variables:** Racewhite\_rate, age0to44\_rate, Poverty, Smoking, Exercise.

Example model:

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