## Grad Classes Taken by Semester {.tabset}

### Fall 2020

Foundations of Public Health

Research Methods and Applications

Determinants of Health

Public Health Interventions

Global & Developmental Prospective

Health Systems

Integration of Science and Practice I

### Spring 2021

Analysis of Categorical Data

Design and Conduct of Observational Epidemiology (Epi II)

Application of Epidemiologic Research Methods (SAS)

Epidemiology of Chronic Disease

Epidemiology of Chronic Disease Seminar

Personal Leadership in Public Health

Integration of Science and Practice II

### Fall 2021

Applied Epidemiologic Analysis (Epi III)

Data Science

Cancer Epidemiology

Spatial Epidemiology

Public Health GIS

Masters Essay in Epidemiology I

Epidemiology of Chronic Disease Seminar

## {-}

rest\_inspec2 %>%

plot\_ly(x = ~violation\_code , y = ~score, color = ~grade, type = "bar", colors = "viridis")

#YES: Number of restaurants per grade

rest\_inspec2 %>%

count(grade) %>%

mutate(grade = fct\_reorder(grade, n)) %>%

plot\_ly(x = ~grade , y = ~n, color = ~grade, type = "bar", colors = "viridis")

#One of the plots: ZIPCODE VS CUISINE (YES)

rest\_inspec2 %>%

plot\_ly(

x = ~zipcode, y = ~cuisine\_description, type = "scatter", mode = "markers",

color = ~grade, alpha = 0.5)

#an option: GRADE VS SCORE (YES)

rest\_inspec2 %>%

plot\_ly(x = ~grade, y = ~score, color = ~grade, type = "violin", colors = "viridis")

#an option same as above: GRADE VS SCORE (YES)

rest\_inspec2 %>%

plot\_ly(x = ~grade, y = ~score, color = ~grade, type = "box", colors = "viridis")

#an option: ZIPCODE VS SCORE (YES)

rest\_inspec2 %>%

plot\_ly(x = ~zipcode, y = ~score, color = ~grade, type = "scatter",mode = "markers", colors = "viridis")