categories = [

"BEER",

"BREAD AND BAKED GOODS",

"BREAKFAST FOODS - FROZEN",

"CANDY",

"CARBONATED BEVERAGES",

"CEREAL",

"CHEESE",

"CONDIMENTS, GRAVIES, AND SAUCES",

"COOKIES",

"COT CHEESE, SOUR CREAM, TOPPINGS",

"COUGH AND COLD REMEDIES",

"DEODORANT", #<- pb

"DESSERTS/FRUITS/TOPPINGS-FROZEN",

"DISPOSABLE DIAPERS",

"DRESSINGS/SALADS/PREP FOODS-DELI",

"EGGS",

"FRESH PRODUCE",

"GRT CARDS/PARTY NEEDS/NOVELTIES",

"ICE CREAM, NOVELTIES",

"JAMS, JELLIES, SPREADS",

"JUICE, DRINKS - CANNED, BOTTLED",

"MILK",

"PACKAGED MEATS-DELI",

"PAPER PRODUCTS",] #<-pb

categories = [

"PASTA",

"PIZZA/SNACKS/HORS DOEUVRES-FRZN",

"PREPARED FOOD-DRY MIXES",

"PREPARED FOOD-READY-TO-SERVE",

"SEAFOOD - CANNED",

"SNACKS",

"SPICES, SEASONINGS, EXTRACTS",

"UNPREP MEAT/POULTRY/SEAFOOD-FRZN",

"VEGETABLES - CANNED",

"VEGETABLES-FROZEN",

"WRAPPING MATERIALS AND BAGS",

]

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BEER

Coef/err : 1.7834494333259567

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BREAD AND BAKED GOODS

Coef/err : 0.6816454126604922

Size of the control group: 0.

Size of the control group: 0.

Size of the control group: 0.

Size of the treatment group: 0.

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CANDY

Coef : 0.05544853046629483

Coef/err : 3.072883672115633

low\_d[T.True] -0.109537

m\_d[T.True] -0.055348

high\_d[T.True] -0.014235

dtype: float64

low\_d[T.True] 10.088477

m\_d[T.True] 5.131867

high\_d[T.True] 1.304240

dtype: float64

CI\_up : 0.01973337415522236

CI\_down : 0.09241457492387029

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CARBONATED BEVERAGES

Coef/err : 0.2527751347573447

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CEREAL

Coef/err : 1.0811050701676261

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CHEESE

Coef/err : 1.249569413413197

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CONDIMENTS, GRAVIES, AND SAUCES

Coef : 0.03672376586488735

Coef/err : 2.6988438105365304

low\_d[T.True] -0.129140

m\_d[T.True] -0.099270

high\_d[T.True] -0.057788

dtype: float64

low\_d[T.True] 16.202457

m\_d[T.True] 12.742817

high\_d[T.True] 7.302388

dtype: float64

CI\_up : 0.009920002787680238

CI\_down : 0.0642389137182311

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COOKIES

Coef : 0.0635607025515903

Coef/err : 4.613077597453863

low\_d[T.True] -0.114576

m\_d[T.True] -0.053682

high\_d[T.True] -0.028093

dtype: float64

low\_d[T.True] 13.746943

m\_d[T.True] 6.900897

high\_d[T.True] 3.656821

dtype: float64

CI\_up : 0.0360719092277757

CI\_down : 0.09177882146725747

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COT CHEESE, SOUR CREAM, TOPPINGS

Coef : -0.05662997560133132

Coef/err : 4.5207805149491485

low\_d[T.True] -0.113048

m\_d[T.True] -0.110513

high\_d[T.True] -0.084562

dtype: float64

low\_d[T.True] 14.266242

m\_d[T.True] 15.164399

high\_d[T.True] 11.727058

dtype: float64

CI\_up : -0.08017791424421783

CI\_down : -0.03247919710178537

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COUGH AND COLD REMEDIES

Coef : -0.12122416982618234

Coef/err : 3.415445304498657

low\_d[T.True] -0.213013

m\_d[T.True] -0.073439

high\_d[T.True] -0.062695

dtype: float64

low\_d[T.True] 5.806495

m\_d[T.True] 2.998047

high\_d[T.True] 3.509007

dtype: float64

CI\_up : -0.18406542025909478

CI\_down : -0.053543042699692234

ISSUE DEODORANT

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DESSERTS/FRUITS/TOPPINGS-FROZEN

Coef : -0.1384845711980539

Coef/err : 3.6731078418280605

low\_d[T.True] -0.215936

m\_d[T.True] -0.081291

high\_d[T.True] -0.094078

dtype: float64

low\_d[T.True] 6.859879

m\_d[T.True] 3.358181

high\_d[T.True] 5.035514

dtype: float64

CI\_up : -0.20439236496108915

CI\_down : -0.06711700419076327

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DISPOSABLE DIAPERS

Coef : -0.4157872365051818

Coef/err : 3.1327739876755127

low\_d[T.True] -0.603782

m\_d[T.True] -0.545225

high\_d[T.True] -0.442134

dtype: float64

low\_d[T.True] 3.134998

m\_d[T.True] 3.006839

high\_d[T.True] 2.284367

dtype: float64

CI\_up : -0.5842085852330181

CI\_down : -0.17914478051085647

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DRESSINGS/SALADS/PREP FOODS-DELI

Coef : 0.0520351882568133

Coef/err : 3.159880095979223

low\_d[T.True] -0.146817

m\_d[T.True] -0.120264

high\_d[T.True] -0.076956

dtype: float64

low\_d[T.True] 15.740619

m\_d[T.True] 13.098560

high\_d[T.True] 8.242676

dtype: float64

CI\_up : 0.01944602121389738

CI\_down : 0.08566615033982972

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EGGS

Coef/err : 0.6159365128319206

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FRESH PRODUCE

Coef/err : 0.5484300867891988

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GRT CARDS/PARTY NEEDS/NOVELTIES

Coef : -0.7710407270123623

Coef/err : 2.548828405350758

low\_d[T.True] -0.638708

m\_d[T.True] -0.758341

high\_d[T.True] -0.765196

dtype: float64

low\_d[T.True] 1.186717

m\_d[T.True] 2.004900

high\_d[T.True] 1.771477

dtype: float64

CI\_up : -0.9381235200857421

CI\_down : -0.15279038562521396

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ICE CREAM, NOVELTIES

Coef : -0.02452637760869436

Coef/err : 2.240554413304956

low\_d[T.True] -0.062029

m\_d[T.True] -0.074508

high\_d[T.True] -0.043585

dtype: float64

low\_d[T.True] 8.921305

m\_d[T.True] 11.767619

high\_d[T.True] 6.943630

dtype: float64

CI\_up : -0.04549069070545797

CI\_down : -0.003101615965919069

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JAMS, JELLIES, SPREADS

Coef : -0.07149813259508075

Coef/err : 3.9183200625601122

low\_d[T.True] -0.126138

m\_d[T.True] -0.075386

high\_d[T.True] -0.053231

dtype: float64

low\_d[T.True] 9.153355

m\_d[T.True] 7.213051

high\_d[T.True] 5.434804

dtype: float64

CI\_up : -0.10532880387527899

CI\_down : -0.03638820439432189

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JUICE, DRINKS - CANNED, BOTTLED

Coef : -0.030156290679943965

Coef/err : 2.2157104320592893

low\_d[T.True] -0.056012

m\_d[T.True] -0.034549

high\_d[T.True] -0.016451

dtype: float64

low\_d[T.True] 6.678806

m\_d[T.True] 4.252555

high\_d[T.True] 2.023501

dtype: float64

CI\_up : -0.05607580256655498

CI\_down : -0.003525046751430838

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MILK

Coef : -0.05646397552439553

Coef/err : 5.837142769322925

low\_d[T.True] -0.071297

m\_d[T.True] -0.098396

high\_d[T.True] -0.069927

dtype: float64

low\_d[T.True] 11.634833

m\_d[T.True] 16.383725

high\_d[T.True] 11.438603

dtype: float64

CI\_up : -0.07470040009991874

CI\_down : -0.037868135272766335

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PACKAGED MEATS-DELI

Coef/err : 1.3389138821857172

ISSUE PAPER PRODUCTS

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PASTA

Coef/err : 1.1381288811197554

Size of the control group: 0.

Size of the control group: 0.

Size of the control group: 0.

Size of the treatment group: 0.

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PREPARED FOOD-DRY MIXES

Coef : 0.03404104078050385

Coef/err : 2.1601992503515293

low\_d[T.True] -0.121129

m\_d[T.True] -0.103453

high\_d[T.True] -0.070486

dtype: float64

low\_d[T.True] 12.802611

m\_d[T.True] 11.986853

high\_d[T.True] 8.163374

dtype: float64

CI\_up : 0.003103006102342487

CI\_down : 0.06593327655658276

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PREPARED FOOD-READY-TO-SERVE

Coef : -0.06254056702959632

Coef/err : 3.050951035895983

low\_d[T.True] -0.154782

m\_d[T.True] -0.131325

high\_d[T.True] -0.084048

dtype: float64

low\_d[T.True] 10.727103

m\_d[T.True] 10.965734

high\_d[T.True] 7.144485

dtype: float64

CI\_up : -0.10064533856425684

CI\_down : -0.022821333841520075

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SEAFOOD - CANNED

Coef : 0.17970827396420286

Coef/err : 5.3827307901978445

low\_d[T.True] -0.217806

m\_d[T.True] -0.082365

high\_d[T.True] -0.042771

dtype: float64

low\_d[T.True] 8.638714

m\_d[T.True] 4.964093

high\_d[T.True] 3.080117

dtype: float64

CI\_up : 0.11078152585640577

CI\_down : 0.2529120977112014

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SNACKS

Coef : 0.03951841197017192

Coef/err : 3.2352363559252906

low\_d[T.True] -0.069186

m\_d[T.True] -0.024598

high\_d[T.True] 0.011794

dtype: float64

low\_d[T.True] 9.538884

m\_d[T.True] 3.325734

high\_d[T.True] 1.568170

dtype: float64

CI\_up : 0.015392989561878512

CI\_down : 0.06421704693002117

Size of the control group: 0.

Size of the control group: 0.

Size of the control group: 0.

Size of the treatment group: 0.

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UNPREP MEAT/POULTRY/SEAFOOD-FRZN

Coef : -0.03522970975921502

Coef/err : 2.567954557307925

low\_d[T.True] -0.036843

m\_d[T.True] -0.001229

high\_d[T.True] 0.025635

dtype: float64

low\_d[T.True] 4.306182

m\_d[T.True] 0.141024

high\_d[T.True] 2.909956

dtype: float64

CI\_up : -0.06128298896885054

CI\_down : -0.008453344305696886

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VEGETABLES - CANNED

Coef/err : 1.786234793476461

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VEGETABLES-FROZEN

Coef : -0.04244186045359233

Coef/err : 3.1295344886297833

low\_d[T.True] -0.041158

m\_d[T.True] -0.034088

high\_d[T.True] -0.030958

dtype: float64

low\_d[T.True] 4.793857

m\_d[T.True] 4.306312

high\_d[T.True] 3.966690

dtype: float64

CI\_up : -0.06810375177915062

CI\_down : -0.016073310347443304

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WRAPPING MATERIALS AND BAGS

Coef/err : 1.3731494817992373