University of Michigan Health System Data Dictionary

vaccinated

Meaning: for test-positive subjects, this indicates if the subject was vaccinated before the first positive test; for test-negative subjects, this indicates if the subject was vaccinated by December 7, 2021

Format: Binary (1 = "yes", 0 = "no")

Use: primary exposure

Vaxname

Meaning: Vaccine name (or "none" for unvaccinated subjects)

Format: Strings ("Pfizer", "Moderna", "Janssen", "none")

Use: defining different exposure types

COVID

Meaning: did the subject have a positive SARS-Cov-2 test result between April 5, 2021 and December 7, 2021

Format: Binary (1 = "yes", 0 = "no")

Use: primary outcome

Age

Meaning: age of the subject at testing

Format: Numeric (12 - 78)

Use: adjusted covariates in the analysis

Gender

Meaning: Gender

Format: Binary (1 = "Male")

Use: adjusted covariates in the analysis

months

Meaning: for test-positive subjects, this indicates the calendar month of the first positive SARS-Cov-2 test; for test-negative controls, this indicates the calendar month of the last negative test

Format: Numeric (4-12)

Use: adjusted covariates in the analysis

Race

Meaning: Race of the subject

Format: Strings ("Caucasian", "African American", "Asian", "Others")

Use: adjusted covariates in the analysis

wscore

Meaning: Charlson comorbidity score

Format: Numeric (0-3, NA)

Use: adjusted covariates in the analysis

IMM

Meaning: did the subject have one or more physician visits with ICD-10 code for immunization (Z23) before December 1, 2020

Format: Binary (1 = "yes", 0 = "no")

Use: negative control exposure

CLT

Meaning: did the subject have one or more physician visits with ICD-10 code for arm or leg cellulitis (L03.113, L03.114, L03.115, L03.116, L03.119) after April 5, 2021

Format: Binary (1 = "yes", 0 = "no")

Use: negative control outcome

EE

Meaning: did the subject have one or more physician visits with ICD-10 code for eye or ear disorder (Z13.5) after April 5, 2021

Format: Binary (1 = "yes", 0 = "no")

Use: negative control outcome

GE_NCO

Meaning: did the subject have one or more physician visits with ICD-10 code for general adult examination (Z00.00, Z00.01) after April 5, 2021

Format: Binary (1 = "yes", 0 = "no")

Use: negative control outcome

dermatitis

Meaning: did the subject have one or more physician visits with ICD-10 code for atopic dermatitis (L20.9, L20.89) after April 5, 2021

Format: Binary (1 = "yes", 0 = "no")

Use: negative control outcome

gfd

Meaning: did the subject have one or more physician visits with ICD-10 code for gastro-esophageal reflux disease (K21.9, K21.0, K21.00, K22.6, K21.01) after April 5, 2021

Format: Binary (1 = "yes", 0 = "no")

Use: negative control outcome

injuries

Meaning: did the subject have one or more physician visits with ICD-10 code for injuries (S00-S99, T07, T14) after April 5, 2021

Format: Binary (1 = "yes", 0 = "no")

Use: negative control outcome