Comorbidities and COVID-19 in Mexico

A Comprehensive Data Analysis

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Section 1

Results

Subsection 1

Logistic Regression

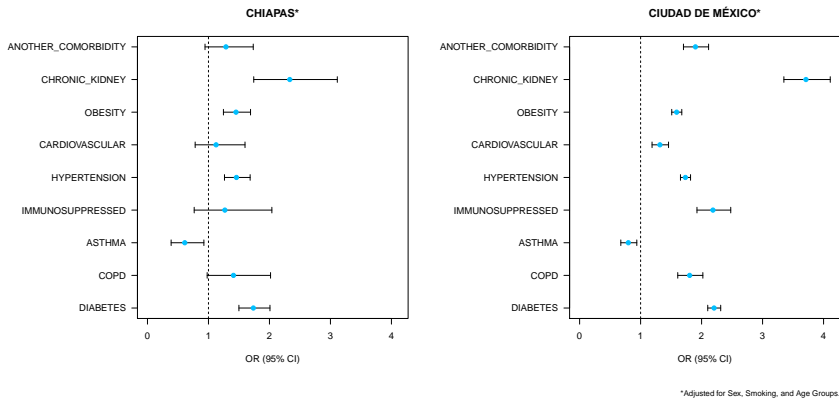# Case Study Findings

Odds-Ratios Plots

Figure 1: Odds-ratios for univariate predictors of the composite end-point.

Odds-Ratios Table

Table 1: Odds-ratios table for Chiapas.

	exp(coef)	lower .95	upper .95	Pr(>|z|)
DIABETES	1.736	1.499	2.008	0.000
COPD	1.410	0.979	2.018	0.062
ASTHMA	0.612	0.388	0.925	0.026
IMMUNOSUPPRESSED	1.269	0.766	2.040	0.339
HYPERTENSION	1.458	1.263	1.683	0.000
CARDIOVASCULAR	1.125	0.782	1.599	0.518
OBESITY	1.452	1.245	1.690	0.000
CHRONIC_KIDNEY	2.334	1.743	3.113	0.000
ANOTHER_COMORBIDITY	1.287	0.944	1.734	0.104

Odds-Ratios Table

Table 2: Odds-ratios table for Cuidad de México.

	exp(coef)	lower .95	upper .95	Pr(>|z|)
DIABETES	2.205	2.101	2.313	0.000
COPD	1.804	1.609	2.021	0.000
ASTHMA	0.799	0.675	0.938	0.007
IMMUNOSUPPRESSED	2.186	1.924	2.478	0.000
HYPERTENSION	1.734	1.653	1.819	0.000
CARDIOVASCULAR	1.317	1.188	1.458	0.000
OBESITY	1.591	1.511	1.675	0.000
CHRONIC_KIDNEY	3.711	3.349	4.109	0.000
ANOTHER_COMORBIDITY	1.899	1.702	2.115	0.000