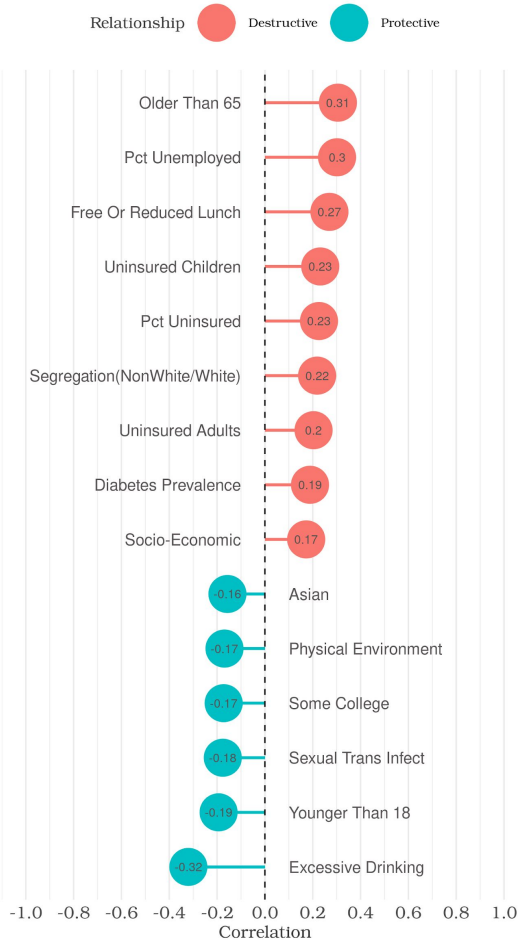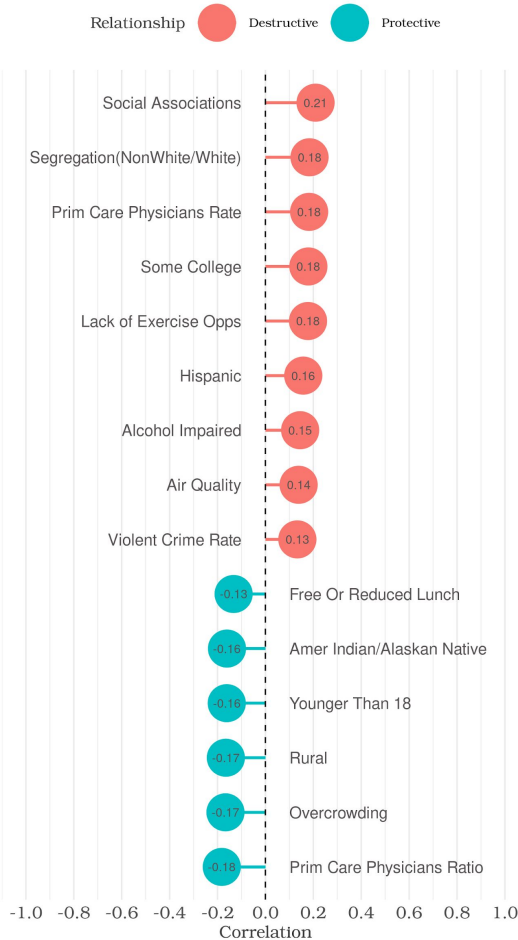# COVIDMINDER: Model Comparison

Durasia Anderson, Hongxi Mou
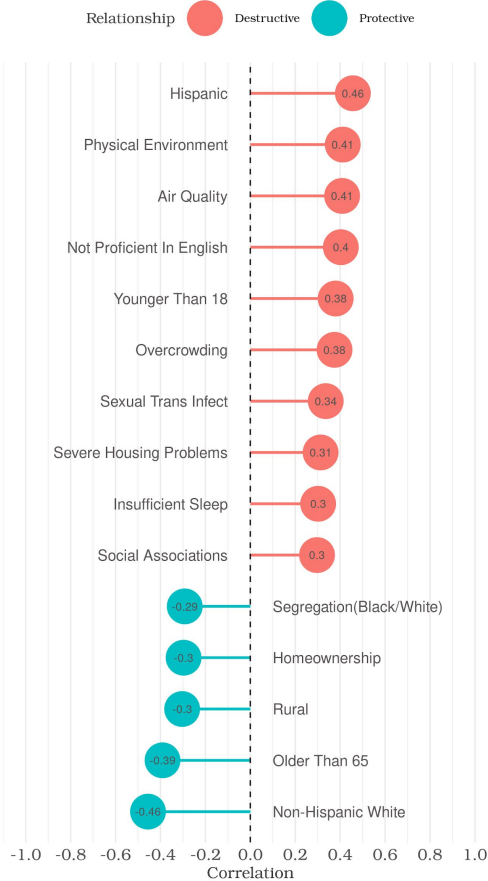
Factors Associated with COVID-19 Deaths for Florida

| Relationship | ● Destructive | ● Protective |

Older Than 65	0.31
Pct Unemployed	0.3
Free Or Reduced Lunch	0.27
Uninsured Children	0.23
Pct Uninsured	0.23
Segregation(NonWhite/White)	0.22
Uninsured Adults	0.2
Diabetes Prevalence	0.19
Socio-Economic	0.17
Asian	-0.16
Physical Environment	-0.17
Some College	-0.17
Sexual Trans Infect	-0.18
Younger Than 18	-0.19
Excessive Drinking	-0.32

Correlation

Factors Associated with COVID-19 Deaths for Ohio

| Relationship | ● Destructive | ● Protective |

Social Associations	0.21
Segregation(NonWhite/White)	0.18
Prim Care Physicians Rate	0.18
Some College	0.18
Lack of Exercise Opps	0.18
Hispanic	0.16
Alcohol Impaired	0.15
Air Quality	0.14
Violent Crime Rate	0.13
Free Or Reduced Lunch	-0.13
Amer Indian/Alaskan Native	-0.16
Younger Than 18	-0.16
Rural	-0.17
Overcrowding	-0.17
Prim Care Physicians Ratio	-0.18

Correlation

Factors Associated with COVID-19 Deaths for California

| Relationship | ● Destructive | ● Protective |

Hispanic	0.46
Physical Environment	0.41
Air Quality	0.41
Not Proficient In English	0.4
Younger Than 18	0.38
Overcrowding	0.38
Sexual Trans Infect	0.34
Severe Housing Problems	0.31
Insufficient Sleep	0.3
Social Associations	0.3
Segregation(Black/White)	-0.29
Homeownership	-0.3
Rural	-0.3
Older Than 65	-0.39
Non-Hispanic White	-0.46

Correlation

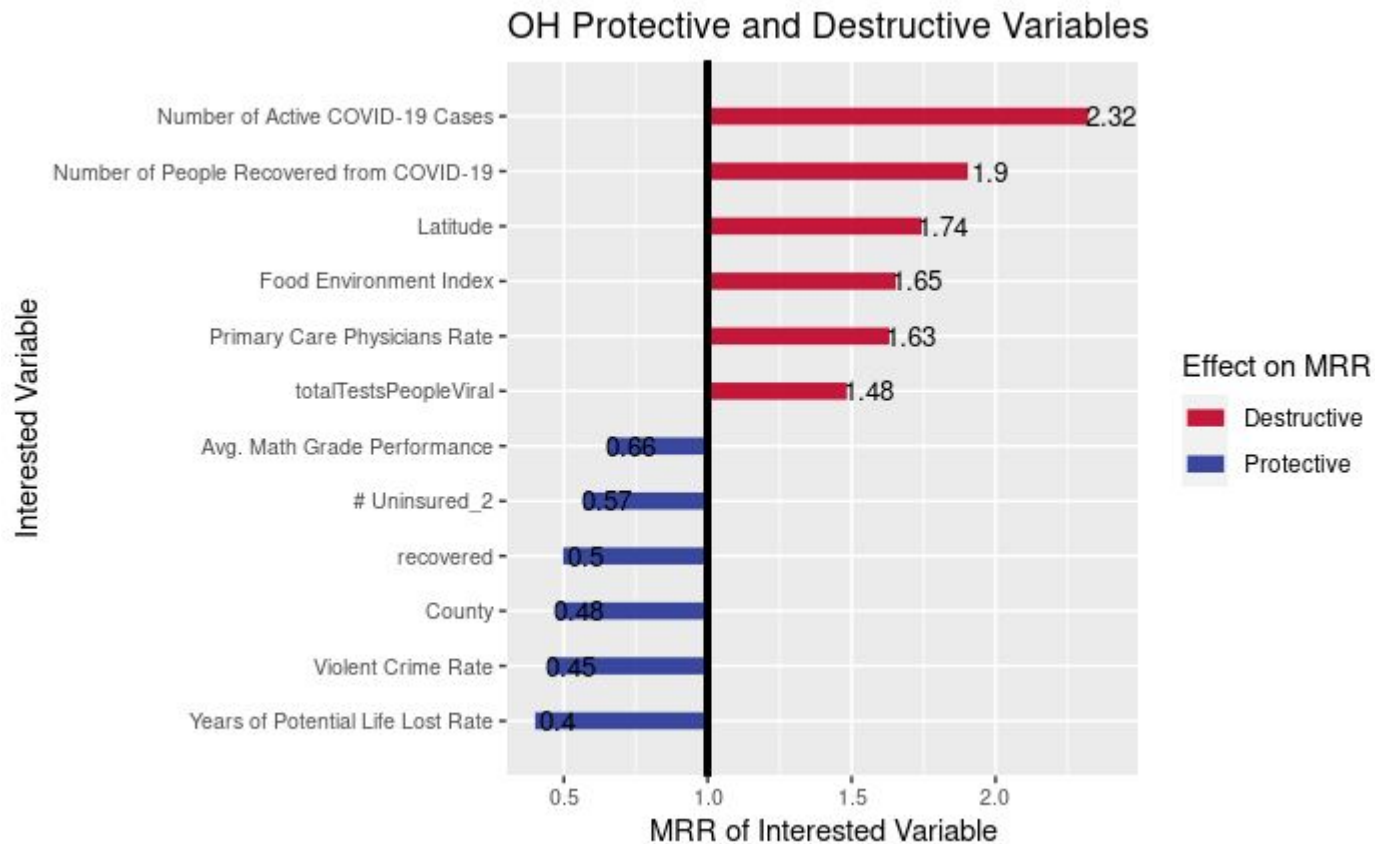| Florida	
GWAS	Kendall
Avg. Reading Grade	Older Than 65
Mental Health Providers	Pct Unemployed
Limited Access to Healthy Foods	**Free Or Reduced Lunch**
Dentists	Uninsured
Latitude	Segregation
	Diabetes
	Socio-Economic

Florida

FL Protective and Destructive Variables

Ohio

OH Protective and Destructive Variables

California