

Table S3. Detailed results of the bivariate analysis of risk factors for infection by COVID-19.

Risk_factor	estimate_95CI	std.err			BH-FDR	Full risk factor name
		or	statistic	p.value		
AA_Fem	0.318 (0.201 - 0.435)	0.06	5.35	1.76E-07	6.31E-07	Percent AA (Asian Alone) FEMALE
AA_Male	0.317 (0.202 - 0.432)	0.06	5.43	1.13E-07	4.52E-07	Percent AA (Asian Alone) MALE
BA_Fem	0.471 (0.32 - 0.621)	0.08	6.16	2.23E-09	2.30E-08	Percent BA (Black Alone) FEMALE
BA_Male	0.354 (0.204 - 0.505)	0.08	4.63	5.49E-06	1.69E-05	Percent BA (Black Alone) MALE
Bach	0.299 (0.191 - 0.408)	0.06	5.42	1.16E-07	4.52E-07	Percent Population 25 years and over Bachelors degree or higher
Bach_AA	0.137 (0.04 - 0.235)	0.05	2.78	5.69E-03	9.78E-03	Percent RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT Asian alone Bachelors degree or higher
Bach_BA	0.221 (0.116 - 0.326)	0.05	4.13	4.67E-05	1.18E-04	Percent RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT Black alone Bachelors degree or higher
Bach_H	0.115 (0.016 - 0.213)	0.05	2.29	2.27E-02	3.25E-02	Percent RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT Hispanic or Latino Origin Bachelors degree or higher
Bach_NHWA	0.344 (0.234 - 0.455)	0.06	6.13	2.67E-09	2.30E-08	Percent RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT White alone not Hispanic or Latino Bachelors degree or higher
Computer	0.12 (0.004 - 0.236)	0.06	2.04	4.25E-02	5.89E-02	Percent Has computer with broadband Internet subscription
Death_Rate	-0.179 (-0.313 - -0.046)	0.07	-2.66	8.53E-03	1.27E-02	Rate of COVID related Death (percent)
Disability	-0.159 (-0.265 - -0.053)	0.05	-2.95	3.46E-03	6.47E-03	Percent with a disability Subject Total civilian noninstitutionalized population
Grocery_Mob	-0.244 (-0.355 - -0.132)	0.06	-4.31	2.20E-05	5.90E-05	GOOGLE GROCERY PHARMACY MOBILITY
H_Female	0.491 (0.341 - 0.642)	0.08	6.41	5.72E-10	1.23E-08	Percent H (Hispanic) FEMALE
H_Male	0.463 (0.307 - 0.618)	0.08	5.85	1.32E-08	8.10E-08	Percent H (Hispanic) MALE
Highschool	0.076 (-0.046 - 0.198)	0.06	1.23	2.21E-01	2.57E-01	Percent below poverty level Population for whom poverty status is determined RACE AND HISPANIC OR LATINO ORIGIN White alone
Highschool_AA	0.092 (-0.006 - 0.19)	0.05	1.84	6.60E-02	8.60E-02	Percent RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT Asian alone High school graduate or higher

Highschool_BA	0.182 (0.08 - 0.283)	0.05	3.52	4.91E-04	1.00E-03	Percent RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT Black alone High school graduate or higher
Highschool_H	-0.007 (-0.108 - 0.093)	0.05	-0.15	8.84E-01	8.84E-01	Percent RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT Hispanic or Latino Origin High school graduate or higher
Highschool_NHW	0.236 (0.116 - 0.355)	0.06	3.88	1.26E-04	2.84E-04	Percent RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT White alone not Hispanic or Latino High school graduate or higher
Insured_AA	0.037 (-0.059 - 0.134)	0.05	0.76	4.48E-01	4.59E-01	Percent Insured Civilian noninstitutionalized population RACE AND HISPANIC OR LATINO ORIGIN Asian alone
Insured_BA	0.054 (-0.052 - 0.16)	0.05	1.00	3.18E-01	3.50E-01	Percent Insured Civilian noninstitutionalized population RACE AND HISPANIC OR LATINO ORIGIN Black or African American alone
Insured_Fem	0.104 (-0.026 - 0.233)	0.07	1.58	1.15E-01	1.42E-01	Percent Insured Civilian noninstitutionalized population SEX Female
Insured_H	-0.099 (-0.211 - 0.014)	0.06	-1.73	8.54E-02	1.08E-01	Percent Insured Civilian noninstitutionalized population RACE AND HISPANIC OR LATINO ORIGIN Hispanic or Latino of any race
Insured_Male	0.181 (0.05 - 0.313)	0.07	2.71	7.09E-03	1.17E-02	Percent Insured Civilian noninstitutionalized population SEX Male
Insured_NHWA	0.251 (0.123 - 0.38)	0.07	3.85	1.42E-04	3.05E-04	Percent Insured Civilian noninstitutionalized population RACE AND HISPANIC OR LATINO ORIGIN White alone not Hispanic or Latino
Median_Income	0.364 (0.247 - 0.481)	0.06	6.14	2.49E-09	2.30E-08	Median Family income; past 2 months 208
Medicaid	-0.15 (-0.261 - -0.04)	0.06	-2.68	7.84E-03	1.20E-02	Percent Public Coverage Medicaid means tested public coverage alone or in combination
NHWA_Fem	-0.409 (-0.554 - -0.264)	0.07	-5.55	6.00E-08	2.86E-07	Percent NHWA (non-Hispanic White Alone) FEMALE
NHWA_Male	-0.439 (-0.584 - -0.295)	0.07	-5.99	5.82E-09	4.17E-08	Percent NHWA (non-Hispanic White Alone) MALE
Parks_Mob	0.184 (-0.002 - 0.37)	0.09	1.95	5.29E-02	7.11E-02	GOOGLE PARKS MOBILITY
Poverty	-0.167 (-0.284 - -0.05)	0.06	-2.82	5.17E-03	9.27E-03	Percent below poverty level Population for whom poverty status is determined

Poverty_AA	<i>-0.043 (-0.137 - 0.052)</i>	0.05	-0.89	3.76E-01	3.95E-01	Percent below poverty level Population for whom poverty status is determined RACE AND HISPANIC OR LATINO ORIGIN Asian alone
Poverty_BA	<i>-0.213 (-0.316 - -0.11)</i>	0.05	-4.06	6.28E-05	1.50E-04	Percent below poverty level Population for whom poverty status is determined RACE AND HISPANIC OR LATINO ORIGIN Black or African American alone
Poverty_Fem	<i>-0.189 (-0.311 - -0.068)</i>	0.06	-3.06	2.37E-03	4.64E-03	Percent below poverty level Population for whom poverty status is determined SEX Female
Poverty_H	<i>-0.043 (-0.139 - 0.052)</i>	0.05	-0.89	3.74E-01	3.95E-01	Percent bel poverty Pop for whom poverty is determined RACE AND HISPANIC OR LATINO ORIGIN Hispanic or Latino origin of any race
Poverty_Male	<i>-0.155 (-0.268 - -0.042)</i>	0.06	-2.69	7.46E-03	1.19E-02	Percent below poverty level Population for whom poverty status is determined SEX Male
Poverty_NHWA	<i>-0.304 (-0.41 - -0.199)</i>	0.05	-5.68	2.98E-08	1.60E-07	Percent below poverty level Population for whom poverty status is determined RACE AND HISPANIC OR LATINO ORIGIN White alone not Hispanic or Latino
Resident_Mob	<i>0.077 (-0.031 - 0.184)</i>	0.05	1.41	1.61E-01	1.92E-01	GOOGLE RESIDENTIAL MOBILITY
Retail_Mob	<i>-0.259 (-0.375 - -0.143)</i>	0.06	-4.39	1.55E-05	4.45E-05	GOOGLE RETAIL RECREATION MOBILITY
Total_Pop	<i>0.341 (0.239 - 0.444)</i>	0.05	6.55	2.53E-10	1.09E-08	TOTAL POPULATION
Transit_Mob	<i>-0.085 (-0.233 - 0.062)</i>	0.07	-1.14	2.55E-01	2.88E-01	GOOGLE TRANSIT MOBILITY
Work_Mob	<i>-0.313 (-0.431 - -0.196)</i>	0.06	-5.26	2.73E-07	9.03E-07	GOOGLE WORKPLACE MOBILITY