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2 **Supplementary Information for**
3 **How Local Partisan Context Conditions Pro-Social Behaviors: Mask-Wearing During COVID-19**
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7 **This PDF file includes:**
8 Figs. S1 to S2 (not allowed for Brief Reports)
9 Tables S1 to S13 (not allowed for Brief Reports)

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17 This appendix extends the within-county models and within-ZIP Code models presented in Table 1 and Table 2 respectively.
18 The survey question measuring mask-wearing was unchanged throughout 2020 and 2021. Measurement of flu vaccine uptake
19 changed slightly. In October 2020, December 2020, and April 2021 respondents were asked if they had gotten or planned
20 to get the vaccine for the 2020 flu season. In July 2021, respondents were asked if they got the vaccine during the 2020 flu
21 season. In October 2021, respondents were asked if they had gotten or planned to get the vaccine for the 2021 flu season.
22 Finally, in October and December 2020 respondents' COVID-19 vaccine intentions were gauged with the question "If a vaccine
23 for COVID-19 were approved by the FDA, free to everyone, and easily available would you get it?" Beginning in April 2021,
24 because COVID-19 vaccines were available, we classified survey respondents as "intending to get the COVID-19 vaccine" if
25 they (a) had already received at least one dose of a vaccine, (b) had attempted to get a vaccine even if unsuccessful, or (c)
26 reported they will probably or definitely get a vaccine.

Table S1. Within-County Models of Neighborhood Partisanship (All Coefficients, Waves 1 - 7)

	Always Wear Mask	COVID Vaccine (Intends to Vaccinate or Already Vaccinated)	Flu Vaccine (Most Recent)
Share GOP	0.010 (0.044)	0.018 (0.041)	-0.038 (0.050)
Republican	-0.113 (0.019) ***	-0.106 (0.019) ***	-0.085 (0.021) ***
Republican * Share GOP	-0.200 (0.043) ***	-0.108 (0.043) *	0.031 (0.048)
Republican * Share White ('18 Zip)	0.046 (0.030)	-0.108 (0.031) ***	-0.087 (0.034) *
Republican * Share College and Above ('18 ZIP)	0.064 (0.049)	0.095 (0.048) *	-0.004 (0.056)
Republican * Median HH Income, Thousands ('18 ZIP)	-0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Log(Deaths per 1K People)	0.050 (0.007) ***	0.006 (0.007)	-0.002 (0.009)
Female	0.053 (0.005) ***	-0.062 (0.005) ***	-0.015 (0.006) **
Household Income	0.000 (0.000) **	0.001 (0.000) ***	0.001 (0.000) ***
Household Income Missing	-0.013 (0.013)	0.012 (0.015)	0.002 (0.016)
Age	0.001 (0.000) ***	0.002 (0.000) ***	0.005 (0.000) ***
White	-0.122 (0.009) ***	0.100 (0.009) ***	0.092 (0.010) ***
Hispanic	-0.002 (0.011)	0.116 (0.011) ***	0.127 (0.013) ***
Asian or Pacific Islander	0.043 (0.014) **	0.139 (0.013) ***	0.115 (0.017) ***
Some other race	-0.100 (0.018) ***	0.038 (0.018) *	0.028 (0.020)
Some College	-0.013 (0.006) *	0.033 (0.006) ***	0.019 (0.007) **
College and Above	-0.004 (0.007)	0.090 (0.007) ***	0.081 (0.008) ***
Health Diagnoses (0-6)	0.020 (0.002) ***	0.040 (0.002) ***	0.070 (0.003) ***
Share College and Above ('18 ZIP)	-0.010 (0.039)	0.101 (0.035) **	0.083 (0.046) +
Median HH Income ('18 ZIP)	-0.000 (0.000)	-0.000 (0.000) +	-0.000 (0.000)
Pop. Density ('18 ZIP)	-0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)
Share White ('18 ZIP)	-0.108 (0.032) ***	0.015 (0.030)	0.031 (0.037)
Wave 2	0.147 (0.009) ***		
Wave 3	0.171 (0.010) ***		
Wave 4	0.209 (0.010) ***	0.059 (0.010) ***	0.013 (0.010)
Wave 5	0.146 (0.010) ***	0.268 (0.010) ***	0.021 (0.010) *
Wave 6	-0.052 (0.008) ***	0.279 (0.008) ***	0.004 (0.008)
Wave 7	-0.027 (0.008) **	0.332 (0.008) ***	0.053 (0.009) ***
County Fixed Effect	✓	✓	✓
N	113,403	88,992	88,842
R-Squared	0.197	0.253	0.177
Adj. R-Squared	0.176	0.228	0.149

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S2. Within-ZIP Code Models of Neighborhood Partisanship (All Coefficients, Waves 1 to 7)

	Always Wear Mask	COVID Vaccine (Intends to Vaccinate or Already Vaccinated)	Flu Vaccine (Most Recent)
Republican	-0.132 (0.021) ***	-0.109 (0.020) ***	-0.070 (0.022) **
Republican * Share GOP	-0.209 (0.047) ***	-0.091 (0.047) +	-0.017 (0.051)
Republican * Share White ('18 Zip)	0.063 (0.033) +	-0.109 (0.034) **	-0.075 (0.037) *
Republican * Share College and Above ('18 ZIP)	0.107 (0.055) +	0.069 (0.053)	0.001 (0.061)
Republican * Median HH Income, Thousands ('18 ZIP)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)
Log(Deaths per 1K People)	0.051 (0.008) ***	0.001 (0.008)	-0.003 (0.009)
Female	0.050 (0.005) ***	-0.061 (0.005) ***	-0.017 (0.006) **
Household Income	0.000 (0.000) +	0.001 (0.000) ***	0.001 (0.000) ***
Household Income Missing	-0.020 (0.013)	0.020 (0.015)	0.013 (0.017)
Age	0.001 (0.000) ***	0.002 (0.000) ***	0.005 (0.000) ***
White	-0.124 (0.010) ***	0.099 (0.009) ***	0.090 (0.011) ***
Hispanic	-0.005 (0.012)	0.116 (0.012) ***	0.121 (0.014) ***
Asian or Pacific Islander	0.034 (0.015) *	0.150 (0.014) ***	0.115 (0.019) ***
Some other race	-0.099 (0.019) ***	0.051 (0.019) **	0.022 (0.022)
Some College	-0.005 (0.007)	0.036 (0.007) ***	0.018 (0.008) *
College and Above	0.003 (0.007)	0.095 (0.007) ***	0.078 (0.009) ***
Health Diagnoses (0-6)	0.017 (0.003) ***	0.038 (0.003) ***	0.065 (0.003) ***
Wave 2	0.148 (0.010) ***		
Wave 3	0.173 (0.011) ***		
Wave 4	0.206 (0.010) ***	0.053 (0.011) ***	0.005 (0.011)
Wave 5	0.148 (0.010) ***	0.261 (0.010) ***	0.008 (0.010)
Wave 6	-0.049 (0.009) ***	0.271 (0.009) ***	0.002 (0.009)
Wave 7	-0.025 (0.009) **	0.327 (0.009) ***	0.048 (0.009) ***
ZIP Code Fixed Effect	✓	✓	✓
N	113,403	88,992	88,842
R-Squared	0.386	0.474	0.419
Adj. R-Squared	0.274	0.355	0.287

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S3. Within-County Models of Neighborhood Partisanship (2021 Only)

	Always Wear Mask	COVID Vaccine (Intends to Vaccinate or Already Vaccinated)	COVID Vaccine (Already Vaccinated)	Flu Vaccine (Most Recent)
Share GOP	-0.025 (0.058)	0.074 (0.043) +	0.082 (0.050)	-0.014 (0.059)
Republican	-0.166 (0.024) ***	-0.118 (0.021) ***	-0.076 (0.023) ***	-0.088 (0.025) ***
Republican * Share GOP	-0.185 (0.055) ***	-0.136 (0.044) **	-0.092 (0.050) +	0.038 (0.056)
Republican * Share White ('18 Zip)	0.087 (0.039) *	-0.098 (0.032) **	-0.115 (0.036) **	-0.094 (0.041) *
Republican * Share College and Above ('18 ZIP)	-0.018 (0.062)	0.139 (0.049) **	0.050 (0.054)	0.028 (0.065)
Republican * Median HH Income, Thousands ('18 ZIP)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)
Log(Deaths per 1K People)	0.016 (0.011)	0.010 (0.008)	-0.003 (0.009)	-0.001 (0.010)
Female	0.036 (0.006) ***	-0.042 (0.005) ***	-0.024 (0.006) ***	-0.023 (0.007) ***
Household Income	0.000 (0.000) *	0.001 (0.000) ***	0.001 (0.000) ***	0.001 (0.000) ***
Household Income Missing	-0.011 (0.020)	-0.018 (0.018)	-0.014 (0.018)	-0.009 (0.020)
Age	0.001 (0.000) ***	0.002 (0.000) ***	0.004 (0.000) ***	0.005 (0.000) ***
White	-0.163 (0.012) ***	0.060 (0.009) ***	0.058 (0.011) ***	0.081 (0.012) ***
Hispanic	-0.016 (0.015)	0.105 (0.011) ***	0.107 (0.013) ***	0.138 (0.015) ***
Asian or Pacific Islander	0.045 (0.020) *	0.120 (0.014) ***	0.108 (0.017) ***	0.115 (0.020) ***
Some other race	-0.122 (0.024) ***	0.007 (0.020)	0.021 (0.022)	0.036 (0.025)
Some College	-0.024 (0.008) **	0.034 (0.007) ***	0.041 (0.008) ***	0.018 (0.008) *
College and Above	-0.024 (0.009) **	0.084 (0.007) ***	0.099 (0.008) ***	0.079 (0.009) ***
Health Diagnoses (0-6)	0.014 (0.003) ***	0.037 (0.002) ***	0.046 (0.003) ***	0.073 (0.003) ***
Share College and Above ('18 ZIP)	0.040 (0.053)	0.105 (0.034) **	0.180 (0.042) ***	0.098 (0.053) +
Median HH Income ('18 ZIP)	-0.000 (0.000)	-0.000 (0.000) *	-0.000 (0.000) +	-0.000 (0.000)
Pop. Density ('18 ZIP)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)
Share White ('18 ZIP)	-0.124 (0.043) **	-0.004 (0.031)	-0.005 (0.037)	0.003 (0.044)
Wave 6	-0.204 (0.009) ***	0.011 (0.007)	0.185 (0.009) ***	-0.016 (0.009) +
Wave 7	-0.168 (0.009) ***	0.061 (0.007) ***	0.264 (0.009) ***	0.031 (0.009) ***
County Fixed Effect	✓	✓	✓	✓
N	63,774	63,876	63,876	63,708
R-Squared	0.219	0.239	0.255	0.193
Adj. R-Squared	0.184	0.205	0.222	0.156

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S4. Within-ZIP Code Models of Neighborhood Partisanship (2021 Only)

	Always Wear Mask	COVID Vaccine (Intends to Vaccinate or Already Vaccinated)	COVID Vaccine (Already Vaccinated)	Flu Vaccine (Most Recent)
Republican	-0.204 (0.026) ***	-0.117 (0.023) ***	-0.083 (0.025) ***	-0.085 (0.027) **
Republican * Share GOP	-0.265 (0.061) ***	-0.137 (0.050) **	-0.068 (0.056)	0.043 (0.060)
Republican * Share White ('18 Zip)	0.185 (0.044) ***	-0.081 (0.037) *	-0.109 (0.040) **	-0.095 (0.045) *
Republican * Share College and Above ('18 ZIP)	-0.055 (0.070)	0.107 (0.055) +	0.013 (0.062)	0.070 (0.072)
Republican * Median HH Income, Thousands ('18 ZIP)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)
Log(Deaths per 1K People)	0.021 (0.011) +	0.002 (0.009)	-0.013 (0.009)	-0.002 (0.011)
Female	0.028 (0.007) ***	-0.038 (0.005) ***	-0.024 (0.006) ***	-0.022 (0.007) **
Household Income	0.000 (0.000)	0.001 (0.000) ***	0.001 (0.000) ***	0.001 (0.000) ***
Household Income Missing	-0.041 (0.022) +	-0.010 (0.019)	-0.013 (0.020)	-0.014 (0.023)
Age	0.001 (0.000) **	0.002 (0.000) ***	0.004 (0.000) ***	0.005 (0.000) ***
White	-0.170 (0.013) ***	0.064 (0.010) ***	0.070 (0.012) ***	0.078 (0.013) ***
Hispanic	-0.020 (0.017)	0.117 (0.012) ***	0.128 (0.015) ***	0.127 (0.016) ***
Asian or Pacific Islander	0.022 (0.022)	0.120 (0.015) ***	0.121 (0.019) ***	0.102 (0.023) ***
Some other race	-0.130 (0.026) ***	0.024 (0.021)	0.046 (0.024) +	0.054 (0.027) *
Some College	-0.011 (0.009)	0.032 (0.007) ***	0.041 (0.008) ***	0.020 (0.009) *
College and Above	-0.020 (0.010) *	0.081 (0.007) ***	0.096 (0.009) ***	0.072 (0.010) ***
Health Diagnoses (0-6)	0.011 (0.003) **	0.035 (0.003) ***	0.044 (0.003) ***	0.067 (0.003) ***
Wave 6	-0.202 (0.009) ***	0.010 (0.007)	0.179 (0.009) ***	0.001 (0.009)
Wave 7	-0.167 (0.010) ***	0.064 (0.007) ***	0.260 (0.009) ***	0.044 (0.009) ***
ZIP Code Fixed Effect	✓	✓	✓	✓
N	63,774	63,876	63,876	63,708
R-Squared	0.473	0.508	0.505	0.469
Adj. R-Squared	0.313	0.359	0.355	0.308

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

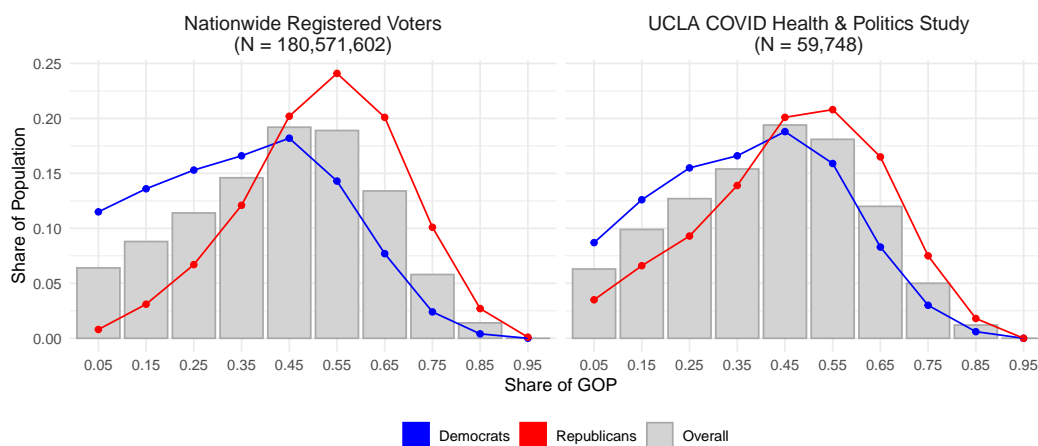


Fig. S1. Percent GOP in the ZIP Code for all registered voters (left) and voters in survey sample (right).

Histograms plot the distribution of ZIP Code Share GOP across all ZIP Codes. Distributions are weighted by number of registered voters (left panel) and number of survey respondents (right panel). Blue lines show distribution for Democrats, red lines for Republicans, and grey for the entire samples.



Fig. S2. Association between a ZIP Code's Residential Partisan Context and Reported Rates of Mask Wearing and Vaccine Uptake by Partisanship and Race/Ethnicity

Lines plot the LOESS fitted line for rates of mask-wearing (left panel) and COVID-19 vaccination (right panel) across ZIP Code percent Republican composition, separately for Democrat (blue lines) and Republican (red lines) survey respondents, and also broken out by race (rows).

28 **C. Evaluating Impact of Mask Policies**

29 This appendix evaluates how different mask mandates across counties may influence the results. Survey respondents were
30 scored as living under an active mask policy if the database indicated the existence of any policy that started before and ended
31 after the day that the survey respondent started the survey.

Table S5. Adding Mask Policies to Within-County Models (May and July 2020)

	Always Wear Mask	Always Wear Mask (Policy Added)	Always Wear Mask (Policy Interaction)
Share GOP	0.212 (0.086) *	0.201 (0.088) *	0.134 (0.098)
Republican	-0.039 (0.036)	-0.053 (0.036)	-0.065 (0.042)
Republican * Share GOP	-0.224 (0.087) *	-0.211 (0.090) *	-0.181 (0.097) +
Republican * Share White ('18 Zip)	0.080 (0.059)	0.085 (0.062)	0.085 (0.062)
Republican * Share College and Above ('18 ZIP)	0.179 (0.094) +	0.201 (0.097) *	0.203 (0.097) *
Republican * Median HH Income, Thousands ('18 ZIP)	-0.001 (0.001) *	-0.001 (0.001) *	-0.001 (0.001) *
Mask Policy		-0.058 (0.102)	-0.120 (0.112)
Republican * Mask Policy			0.027 (0.055)
Share GOP * Mask Policy			0.155 (0.102)
Republican * Share GOP * Mask Policy			-0.087 (0.118)
Log(Deaths per 1K People)	0.095 (0.021) ***	0.096 (0.021) ***	0.096 (0.021) ***
Female	0.073 (0.010) ***	0.073 (0.010) ***	0.073 (0.010) ***
Household Income	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Household Income Missing	-0.035 (0.021) +	-0.036 (0.021) +	-0.037 (0.021) +
Age	0.001 (0.000) **	0.001 (0.000) **	0.001 (0.000) **
White	-0.095 (0.018) ***	-0.092 (0.018) ***	-0.092 (0.018) ***
Hispanic	0.004 (0.021)	0.006 (0.021)	0.006 (0.021)
Asian or Pacific Islander	0.041 (0.028)	0.043 (0.028)	0.043 (0.028)
Some other race	-0.110 (0.037) **	-0.112 (0.037) **	-0.111 (0.037) **
Some College	-0.022 (0.013) +	-0.022 (0.013) +	-0.022 (0.013) +
College and Above	0.021 (0.014)	0.019 (0.014)	0.019 (0.014)
Health Diagnoses (0-6)	0.031 (0.005) ***	0.031 (0.005) ***	0.032 (0.005) ***
Share College and Above ('18 ZIP)	0.014 (0.074)	0.000 (0.075)	-0.003 (0.075)
Median HH Income ('18 ZIP)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)
Pop. Density ('18 ZIP)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Share White ('18 ZIP)	-0.208 (0.061) ***	-0.204 (0.063) **	-0.202 (0.063) **
Wave 2	0.153 (0.010) ***	0.153 (0.010) ***	0.153 (0.010) ***
County Fixed Effect	✓	✓	✓
N	24,453	24,213	24,213
R-Squared	0.266	0.266	0.267
Adj. R-Squared	0.191	0.191	0.191

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S6. Adding Mask Policies to Within-ZIP Code Models (May and July 2020)

	Always Wear Mask	Always Wear Mask (Policy Added)	Always Wear Mask (Policy Interaction)
Republican	-0.029 (0.041)	-0.041 (0.042)	-0.030 (0.046)
Republican * Share GOP	-0.298 (0.106) **	-0.272 (0.112) *	-0.271 (0.119) *
Republican * Share White ('18 Zip)	0.125 (0.071) +	0.118 (0.077)	0.117 (0.077)
Republican * Share College and Above ('18 ZIP)	0.275 (0.115) *	0.311 (0.119) **	0.316 (0.118) **
Republican * Median HH Income, Thousands ('18 ZIP)	-0.002 (0.001) **	-0.002 (0.001) **	-0.002 (0.001) **
Mask Policy		-0.060 (0.107)	0.300 (0.371)
Republican * Mask Policy			-0.036 (0.066)
Share GOP * Mask Policy			-0.791 (0.703)
Republican * Share GOP * Mask Policy			0.018 (0.149)
Log(Deaths per 1K People)	0.087 (0.025) ***	0.088 (0.025) ***	0.088 (0.025) ***
Female	0.063 (0.012) ***	0.064 (0.012) ***	0.064 (0.012) ***
Household Income	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Household Income Missing	-0.011 (0.025)	-0.011 (0.026)	-0.011 (0.026)
Age	0.002 (0.000) ***	0.002 (0.000) ***	0.002 (0.000) ***
White	-0.093 (0.021) ***	-0.092 (0.021) ***	-0.092 (0.021) ***
Hispanic	-0.010 (0.025)	-0.012 (0.026)	-0.012 (0.026)
Asian or Pacific Islander	0.067 (0.033) *	0.064 (0.033) +	0.065 (0.033) +
Some other race	-0.101 (0.044) *	-0.109 (0.044) *	-0.109 (0.044) *
Some College	-0.010 (0.016)	-0.011 (0.016)	-0.011 (0.016)
College and Above	0.018 (0.017)	0.015 (0.017)	0.015 (0.017)
Health Diagnoses (0-6)	0.022 (0.006) ***	0.023 (0.006) ***	0.023 (0.006) ***
Wave 2	0.148 (0.012) ***	0.149 (0.012) ***	0.149 (0.012) ***
ZIP Code Fixed Effect	✓	✓	✓
N	24,453	24,213	24,213
R-Squared	0.640	0.640	0.640
Adj. R-Squared	0.374	0.373	0.373

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S7. Within-County Models of Neighborhood Partisanship (All Coefficients)

	Always Wear Mask	COVID Vaccine	Flu Vaccine 2020	Flu Vaccine 2019
Share GOP	0.072 (0.062)	-0.114 (0.094)	-0.079 (0.094)	-0.057 (0.095)
Republican	-0.060 (0.028) *	-0.099 (0.038) **	-0.075 (0.038) *	-0.040 (0.039)
Republican * Share GOP	-0.240 (0.064) ***	0.007 (0.097)	0.047 (0.091)	-0.021 (0.095)
Republican * Share White ('18 Zip)	0.027 (0.043)	-0.161 (0.069) *	-0.097 (0.063)	-0.077 (0.066)
Republican * Share College and Above ('18 ZIP)	0.138 (0.074) +	-0.029 (0.110)	-0.077 (0.107)	-0.105 (0.111)
Republican * Median HH Income, Thousands ('18 ZIP)	-0.001 (0.000) +	0.001 (0.001)	0.000 (0.001)	0.001 (0.001)
Log(Deaths per 1K People)	0.081 (0.013) ***	-0.010 (0.026)	-0.014 (0.025)	-0.014 (0.026)
Female	0.074 (0.007) ***	-0.112 (0.011) ***	0.003 (0.011)	0.012 (0.011)
Household Income	0.000 (0.000)	0.001 (0.000) ***	0.001 (0.000) ***	0.001 (0.000) ***
Household Income Missing	-0.011 (0.016)	0.072 (0.025) **	0.024 (0.026)	0.025 (0.026)
Age	0.002 (0.000) ***	0.002 (0.000) ***	0.006 (0.000) ***	0.005 (0.000) ***
White	-0.071 (0.013) ***	0.202 (0.020) ***	0.116 (0.020) ***	0.091 (0.020) ***
Hispanic	0.002 (0.016)	0.136 (0.025) ***	0.075 (0.025) **	0.084 (0.024) ***
Asian or Pacific Islander	0.038 (0.020) +	0.180 (0.032) ***	0.105 (0.032) **	0.095 (0.032) **
Some other race	-0.072 (0.026) **	0.108 (0.040) **	0.004 (0.036)	0.060 (0.039)
Some College	0.000 (0.009)	0.031 (0.014) *	0.025 (0.014) +	0.004 (0.014)
College and Above	0.027 (0.010) **	0.106 (0.016) ***	0.092 (0.016) ***	0.077 (0.016) ***
Health Diagnoses (0-6)	0.028 (0.004) ***	0.047 (0.006) ***	0.065 (0.005) ***	0.079 (0.006) ***
Share College and Above ('18 ZIP)	-0.072 (0.056)	0.106 (0.086)	0.031 (0.088)	0.036 (0.084)
Median HH Income ('18 ZIP)	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)
Pop. Density ('18 ZIP)	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)
Share White ('18 ZIP)	-0.101 (0.045) *	0.073 (0.070)	0.099 (0.068)	0.112 (0.071)
Wave 2	0.153 (0.010) ***			
Wave 3	0.175 (0.010) ***			
Wave 4	0.206 (0.010) ***	0.066 (0.014) ***	0.017 (0.013)	0.020 (0.014)
County Fixed Effect	✓	✓	✓	✓
N	49,629	25,116	25,134	25,152
R-Squared	0.208	0.257	0.257	0.246
Adj. R-Squared	0.164	0.182	0.181	0.170

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S8. Within-ZIP Code Models of Neighborhood Partisanship (All Coefficients)

	Always Wear Mask	COVID Vaccine	Flu Vaccine 2020	Flu Vaccine 2019
Republican	-0.066 (0.032) *	-0.052 (0.044)	-0.053 (0.045)	-0.071 (0.047)
Republican * Share GOP	-0.191 (0.075) *	-0.008 (0.120)	-0.144 (0.111)	-0.009 (0.120)
Republican * Share White ('18 Zip)	-0.009 (0.049)	-0.188 (0.088) *	0.019 (0.076)	-0.018 (0.083)
Republican * Share College and Above ('18 ZIP)	0.194 (0.088) *	-0.157 (0.141)	-0.269 (0.134) *	-0.068 (0.143)
Republican * Median HH Income, Thousands ('18 ZIP)	-0.001 (0.000) +	0.001 (0.001) +	0.001 (0.001) +	0.001 (0.001)
Log(Deaths per 1K People)	0.094 (0.015) ***	-0.008 (0.033)	-0.009 (0.032)	-0.022 (0.033)
Female	0.065 (0.008) ***	-0.106 (0.014) ***	0.005 (0.014)	0.011 (0.014)
Household Income	0.000 (0.000)	0.001 (0.000) ***	0.001 (0.000) ***	0.001 (0.000) ***
Household Income Missing	-0.003 (0.018)	0.060 (0.032) +	0.060 (0.031) +	0.037 (0.031)
Age	0.002 (0.000) ***	0.002 (0.000) ***	0.006 (0.000) ***	0.005 (0.000) ***
White	-0.078 (0.015) ***	0.207 (0.025) ***	0.116 (0.026) ***	0.071 (0.025) **
Hispanic	-0.005 (0.019)	0.143 (0.033) ***	0.084 (0.033) **	0.074 (0.032) *
Asian or Pacific Islander	0.034 (0.023)	0.202 (0.043) ***	0.151 (0.043) ***	0.091 (0.043) *
Some other race	-0.071 (0.030) *	0.128 (0.050) *	0.021 (0.046)	0.088 (0.050) +
Some College	0.006 (0.011)	0.039 (0.019) *	0.011 (0.018)	0.007 (0.019)
College and Above	0.030 (0.011) **	0.142 (0.021) ***	0.096 (0.021) ***	0.090 (0.020) ***
Health Diagnoses (0-6)	0.025 (0.004) ***	0.050 (0.007) ***	0.063 (0.007) ***	0.075 (0.007) ***
Wave 2	0.157 (0.011) ***			
Wave 3	0.176 (0.012) ***			
Wave 4	0.202 (0.011) ***	0.068 (0.016) ***	0.009 (0.016)	0.025 (0.017)
ZIP Code Fixed Effect	✓	✓	✓	✓
N	49,629	25,116	25,134	25,152
R-Squared	0.508	0.650	0.641	0.640
Adj. R-Squared	0.318	0.396	0.381	0.379

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S9. Interactions Between White and ZIP Code-level Measures

	Always Wear Mask	COVID Vaccine	Flu Vaccine 2020	Flu Vaccine 2019
Republican	-0.139 (0.009) ***	-0.124 (0.014) ***	-0.096 (0.014) ***	-0.060 (0.014) ***
White	-0.055 (0.031) +	0.213 (0.050) ***	0.100 (0.051) *	0.046 (0.050)
White * Share White ('18 ZIP)	0.008 (0.060)	0.114 (0.104)	0.083 (0.103)	0.013 (0.102)
White * Share GOP	-0.071 (0.084)	-0.340 (0.141) *	-0.123 (0.135)	-0.045 (0.138)
White * Share College and Above ('18 ZIP)	0.127 (0.095)	-0.105 (0.167)	-0.006 (0.168)	0.065 (0.170)
White * Median HH Income, Thousands ('18 ZIP)	-0.001 (0.001)	-0.000 (0.001)	-0.001 (0.001)	-0.001 (0.001)
Log(Deaths per 1K People)	0.094 (0.015) ***	-0.010 (0.033)	-0.013 (0.032)	-0.022 (0.033)
Female	0.065 (0.008) ***	-0.104 (0.014) ***	0.006 (0.014)	0.012 (0.014)
Household Income	0.000 (0.000)	0.000 (0.000) ***	0.001 (0.000) ***	0.001 (0.000) ***
Household Income Missing	-0.003 (0.018)	0.070 (0.032) *	0.065 (0.031) *	0.042 (0.031)
Age	0.002 (0.000) ***	0.002 (0.000) ***	0.006 (0.000) ***	0.005 (0.000) ***
Some College	0.006 (0.010)	0.036 (0.019) +	0.009 (0.018)	0.006 (0.019)
College and Above	0.032 (0.011) **	0.144 (0.020) ***	0.097 (0.021) ***	0.090 (0.020) ***
Health Diagnoses (0-6)	0.025 (0.004) ***	0.050 (0.007) ***	0.062 (0.007) ***	0.075 (0.007) ***
Wave 2	0.157 (0.011) ***			
Wave 3	0.177 (0.012) ***			
Wave 4	0.201 (0.011) ***	0.069 (0.017) ***	0.010 (0.016)	0.026 (0.017)
ZIP Code Fixed Effect	✓	✓	✓	✓
N	49,629	25,116	25,134	25,152
R-Squared	0.507	0.647	0.639	0.639
Adj. R-Squared	0.316	0.391	0.378	0.378

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S10. Interactions Between College and Above and ZIP Code-level Measures

	Always Wear Mask	COVID Vaccine	Flu Vaccine 2020	Flu Vaccine 2019
Republican	-0.140 (0.009) ***	-0.133 (0.014) ***	-0.101 (0.014) ***	-0.066 (0.014) ***
College and Above	0.117 (0.031) ***	0.093 (0.047) *	0.096 (0.051) +	0.092 (0.047) +
College and Above * Share College and Above ('18 ZIP)	0.088 (0.084)	0.073 (0.148)	-0.051 (0.156)	0.024 (0.136)
College and Above * Share GOP	-0.006 (0.073)	-0.117 (0.127)	0.002 (0.136)	0.024 (0.123)
College and Above * Share White ('18 ZIP)	-0.052 (0.052)	0.118 (0.087)	0.051 (0.094)	-0.004 (0.089)
College and Above * Median HH Income, Thousands ('18 ZIP)	-0.001 (0.000) *	-0.000 (0.001)	-0.000 (0.001)	-0.000 (0.001)
Log(Deaths per 1K People)	0.095 (0.015) ***	-0.009 (0.033)	-0.010 (0.032)	-0.022 (0.033)
Female	0.065 (0.008) ***	-0.105 (0.014) ***	0.006 (0.014)	0.012 (0.014)
Household Income	0.000 (0.000)	0.001 (0.000) ***	0.001 (0.000) ***	0.001 (0.000) ***
Household Income Missing	-0.005 (0.018)	0.058 (0.032) +	0.060 (0.031) +	0.037 (0.031)
Age	0.002 (0.000) ***	0.002 (0.000) ***	0.006 (0.000) ***	0.005 (0.000) ***
White	-0.079 (0.015) ***	0.210 (0.025) ***	0.118 (0.026) ***	0.071 (0.025) **
Hispanic	-0.003 (0.019)	0.139 (0.033) ***	0.082 (0.033) *	0.073 (0.032) *
Asian or Pacific Islander	0.034 (0.023)	0.203 (0.044) ***	0.153 (0.044) ***	0.091 (0.043) *
Some other race	-0.071 (0.030) *	0.137 (0.050) **	0.023 (0.046)	0.088 (0.050) +
Health Diagnoses (0-6)	0.026 (0.004) ***	0.050 (0.007) ***	0.063 (0.007) ***	0.075 (0.007) ***
Wave 2	0.158 (0.011) ***			
Wave 3	0.177 (0.012) ***			
Wave 4	0.202 (0.011) ***			
ZIP Code Fixed Effect	✓	✓	✓	✓
N	49,629	25,116	25,134	25,152
R-Squared	0.508	0.649	0.641	0.640
Adj. R-Squared	0.317	0.394	0.380	0.379

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S11. Interactions Between High Income and ZIP Code-level Measures

	Always Wear Mask	COVID Vaccine	Flu Vaccine 2020	Flu Vaccine 2019
Republican	-0.139 (0.009) ***	-0.134 (0.014) ***	-0.100 (0.013) ***	-0.065 (0.014) ***
High Income	0.025 (0.030)	0.145 (0.049) **	0.201 (0.055) ***	0.192 (0.051) ***
High Income * Share High Income ('18 ZIP)	-0.161 (0.103)	0.153 (0.173)	-0.125 (0.192)	-0.135 (0.175)
High Income * Share GOP	0.050 (0.081)	-0.212 (0.130)	-0.214 (0.147)	-0.170 (0.136)
High Income * Share White ('18 ZIP)	-0.083 (0.056)	0.024 (0.095)	0.064 (0.101)	0.026 (0.096)
High Income * Share College and Above ('18 ZIP)	0.166 (0.099) +	-0.111 (0.178)	-0.168 (0.201)	-0.092 (0.176)
Log(Deaths per 1K People)	0.094 (0.015) ***	-0.005 (0.033)	-0.008 (0.032)	-0.020 (0.033)
Female	0.064 (0.008) ***	-0.106 (0.014) ***	0.003 (0.014)	0.010 (0.014)
Household Income Missing	-0.005 (0.018)	0.073 (0.033) *	0.059 (0.031) +	0.038 (0.031)
Age	0.002 (0.000) ***	0.003 (0.000) ***	0.006 (0.000) ***	0.005 (0.000) ***
White	-0.078 (0.015) ***	0.206 (0.025) ***	0.117 (0.026) ***	0.070 (0.025) **
Hispanic	-0.003 (0.019)	0.144 (0.033) ***	0.079 (0.033) *	0.070 (0.032) *
Asian or Pacific Islander	0.034 (0.023)	0.203 (0.043) ***	0.149 (0.043) ***	0.087 (0.043) *
Some other race	-0.071 (0.030) *	0.130 (0.050) **	0.018 (0.046)	0.083 (0.050) +
Some College	0.008 (0.011)	0.040 (0.019) *	0.013 (0.018)	0.010 (0.019)
College and Above	0.034 (0.011) **	0.143 (0.020) ***	0.107 (0.020) ***	0.099 (0.020) ***
Health Diagnoses (0-6)	0.025 (0.004) ***	0.048 (0.007) ***	0.061 (0.007) ***	0.074 (0.007) ***
Wave 2	0.157 (0.011) ***			
Wave 3	0.177 (0.012) ***			
Wave 4	0.201 (0.011) ***	0.067 (0.016) ***	0.009 (0.016)	0.025 (0.017)
ZIP Code Fixed Effect	✓	✓	✓	✓
N	49,629	25,116	25,134	25,152
R-Squared	0.507	0.650	0.641	0.639
Adj. R-Squared	0.317	0.396	0.380	0.378

Note: High income is defined as an income of at least \$100,000

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S12. Comparing Within-County Models With and Without Ideology (December 4-16 Wave Only)

	Always Wear Mask		COVID Vaccine	
	Without Ideology	With Ideology	Without Ideology	With Ideology
Share GOP	-0.190 (0.115) +	-0.169 (0.115)	-0.312 (0.132) *	-0.298 (0.130) *
Republican	-0.105 (0.056) +	-0.102 (0.056) +	-0.096 (0.053) +	-0.089 (0.053) +
Republican * Share GOP	-0.288 (0.131) *	-0.293 (0.131) *	0.021 (0.129)	0.013 (0.129)
Republican * Share White ('18 Zip)	-0.035 (0.085)	-0.025 (0.086)	-0.163 (0.093) +	-0.145 (0.092)
Republican * Share College and Above ('18 ZIP)	-0.113 (0.151)	-0.117 (0.150)	0.139 (0.146)	0.153 (0.145)
Republican * Median HH Income, Thousands ('18 ZIP)	0.001 (0.001)	0.001 (0.001)	-0.001 (0.001)	-0.001 (0.001)
Log(Deaths per 1K People)	0.082 (0.068)	0.086 (0.068)	0.121 (0.071) +	0.126 (0.071) +
Female	0.107 (0.014) ***	0.105 (0.014) ***	-0.093 (0.015) ***	-0.094 (0.015) ***
Household Income	0.000 (0.000)	0.000 (0.000)	0.001 (0.000) ***	0.001 (0.000) ***
Household Income Missing	0.021 (0.031)	0.013 (0.031)	0.102 (0.032) **	0.105 (0.032) **
Age	0.003 (0.000) ***	0.003 (0.000) ***	0.004 (0.000) ***	0.004 (0.000) ***
White	-0.024 (0.025)	-0.026 (0.024)	0.167 (0.027) ***	0.165 (0.027) ***
Hispanic	-0.011 (0.031)	-0.011 (0.031)	0.086 (0.036) *	0.088 (0.035) *
Asian or Pacific Islander	0.057 (0.039)	0.062 (0.039)	0.138 (0.046) **	0.141 (0.045) **
Some other race	-0.029 (0.053)	-0.032 (0.053)	0.065 (0.054)	0.070 (0.054)
Some College	0.001 (0.018)	0.002 (0.018)	0.009 (0.020)	0.004 (0.020)
College and Above	0.003 (0.020)	0.003 (0.020)	0.111 (0.022) ***	0.103 (0.022) ***
Health Diagnoses (0-6)	0.017 (0.007) *	0.016 (0.008) *	0.051 (0.007) ***	0.051 (0.007) ***
Share College and Above ('18 ZIP)	-0.048 (0.102)	-0.041 (0.102)	0.003 (0.119)	-0.015 (0.118)
Median HH Income ('18 ZIP)	0.000 (0.001)	0.000 (0.001)	0.001 (0.001)	0.001 (0.001) +
Pop. Density ('18 ZIP)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)
Share White ('18 ZIP)	0.012 (0.081)	-0.000 (0.081)	0.157 (0.097)	0.144 (0.096)
Libertarian		-0.024 (0.060)		-0.083 (0.064)
Very Conservative		0.043 (0.021) *		0.002 (0.022)
Conservative		-0.043 (0.022) *		0.001 (0.022)
Liberal		-0.002 (0.020)		0.027 (0.023)
Very Liberal		0.044 (0.024) +		0.105 (0.025) ***
I don't know		0.084 (0.036) *		-0.098 (0.041) *
County Fixed Effect	✓	✓	✓	✓
N	12,639	12,633	12,606	12,600
R-Squared	0.322	0.326	0.335	0.340
Adj. R-Squared	0.201	0.206	0.217	0.223

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

Table S13. Comparing Within-ZIP Code Models With and Without Ideology (December 4-16 Wave Only)

	Always Wear Mask		COVID Vaccine	
	Without Ideology	With Ideology	Without Ideology	With Ideology
Republican	-0.078 (0.077)	-0.070 (0.076)	-0.109 (0.066) +	-0.102 (0.066)
Republican * Share GOP	-0.410 (0.186) *	-0.414 (0.183) *	0.221 (0.170)	0.221 (0.170)
Republican * Share White ('18 Zip)	-0.030 (0.117)	-0.008 (0.116)	-0.366 (0.128) **	-0.340 (0.128) **
Republican * Share College and Above ('18 ZIP)	0.040 (0.210)	0.006 (0.209)	0.491 (0.186) **	0.536 (0.184) **
Republican * Median HH Income, Thousands ('18 ZIP)	0.001 (0.001)	0.001 (0.001)	-0.002 (0.001)	-0.002 (0.001) *
Log(Deaths per 1K People)	0.147 (0.104)	0.154 (0.104)	0.172 (0.103) +	0.173 (0.103) +
Female	0.111 (0.021) ***	0.108 (0.021) ***	-0.094 (0.022) ***	-0.095 (0.022) ***
Household Income	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
Household Income Missing	-0.027 (0.043)	-0.035 (0.042)	0.131 (0.045) **	0.131 (0.044) **
Age	0.003 (0.001) ***	0.003 (0.001) ***	0.003 (0.001) ***	0.003 (0.001) ***
White	-0.010 (0.036)	-0.012 (0.035)	0.168 (0.037) ***	0.167 (0.037) ***
Hispanic	0.035 (0.046)	0.032 (0.046)	0.073 (0.054)	0.071 (0.053)
Asian or Pacific Islander	0.109 (0.055) *	0.116 (0.056) *	0.149 (0.070) *	0.159 (0.068) *
Some other race	-0.074 (0.077)	-0.079 (0.076)	0.049 (0.070)	0.064 (0.067)
Some College	0.009 (0.026)	0.005 (0.026)	0.065 (0.028) *	0.062 (0.028) *
College and Above	0.008 (0.027)	0.005 (0.027)	0.159 (0.031) ***	0.148 (0.031) ***
Health Diagnoses (0-6)	0.030 (0.011) **	0.030 (0.011) **	0.056 (0.009) ***	0.056 (0.009) ***
Libertarian		0.018 (0.075)		0.096 (0.078)
Very Conservative		0.021 (0.028)		0.005 (0.032)
Conservative		-0.078 (0.028) **		0.051 (0.029) +
Liberal		-0.023 (0.028)		0.072 (0.029) *
Very Liberal		0.022 (0.033)		0.113 (0.030) ***
I don't know		0.032 (0.051)		-0.117 (0.059) *
ZIP Code Fixed Effect	✓	✓	✓	✓
N	12,639	12,633	12,606	12,600
R-Squared	0.740	0.742	0.759	0.762
Adj. R-Squared	0.385	0.389	0.428	0.435

P-Value thresholds: 0.1 + 0.05 * 0.01 ** 0.001 ***

E. Question Wording for Outcome Variables

Wearing a Mask: May 2020 - October 2021

- **Question Prompt:** “In the last two weeks, how consistently did you wear a mask or facial covering when going outdoors?”
- **Response Options:**
 - Always
 - Most of the time
 - Sometimes
 - Rarely
 - Never

Vaccine Intent: October 2020 and December 2020

- **Question Prompt:** “If a vaccine for COVID-19 were approved by the FDA, free to everyone, and easily available would you get it?”
- **Response Options:**
 - Yes
 - No
 - Unsure

Vaccine Uptake: March - April 2021, June - July 2021, and September - October 2021

- **Question Prompt:** “How many doses of a COVID-19 vaccine have you received to date, if any?”
- **Response Options:**
 - None
 - 1 out of 1
 - 1 out of 2
 - 2 out of 2

Vaccine Attempt: March - April 2021 and June - July 2021, and September - October 2021

- **Question Prompt:** “Have you tried to get a COVID-19 vaccine?”
- **Response Options:**
 - Yes
 - No

Vaccine Intent: March - April 2021

- **Question Prompt:** “Once a vaccine to prevent COVID-19 is available, would you...”
- **Response Options:**
 - Definitely get a vaccine
 - Probably get a vaccine
 - Be unsure about getting a vaccine
 - Probably NOT get a vaccine
 - Definitely NOT get a vaccine

Vaccine Intent: June - July 2021, and September - October 2021

- **Question Prompt:** “Now that vaccines to prevent COVID-19 are available, which of the following best describes your intentions?”
- **Response Options:**
 - I will definitely get a vaccine
 - I will probably get a vaccine
 - I am unsure about getting vaccinated
 - I will probably NOT get vaccinated
 - I will definitely NOT get vaccinated