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Supplementary Information for
Pandemic Precarity: COVID-19 Is Exposing and Exacerbating Inequalities in The American Heartland

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> Supplementary text
> Figures S1 to Sx (not allowed for Brief Reports)
> Tables S1 to Sx (not allowed for Brief Reports)
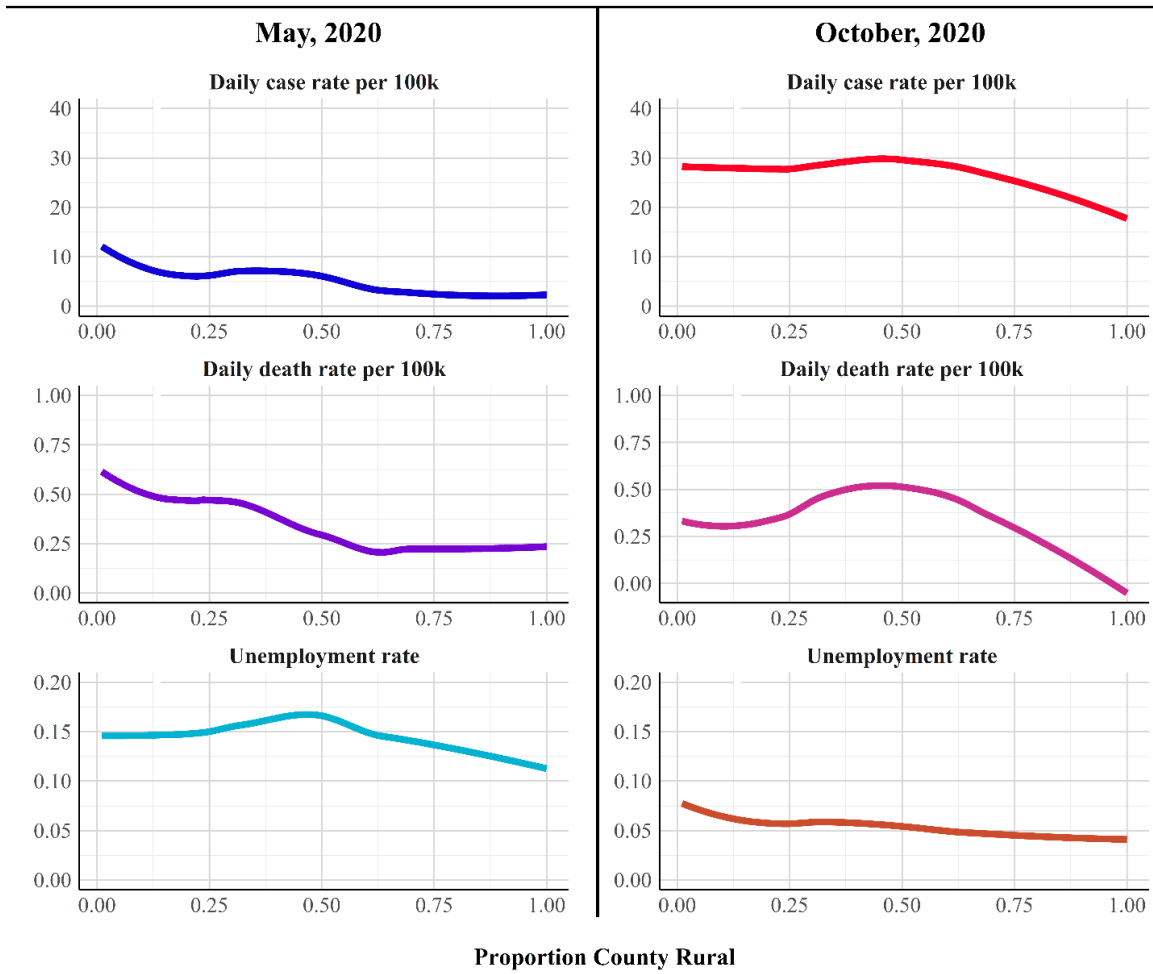> SI References

Fig. S1. Multivariate relationships between rurality and COVID-19 in Indiana during sample period and six months later
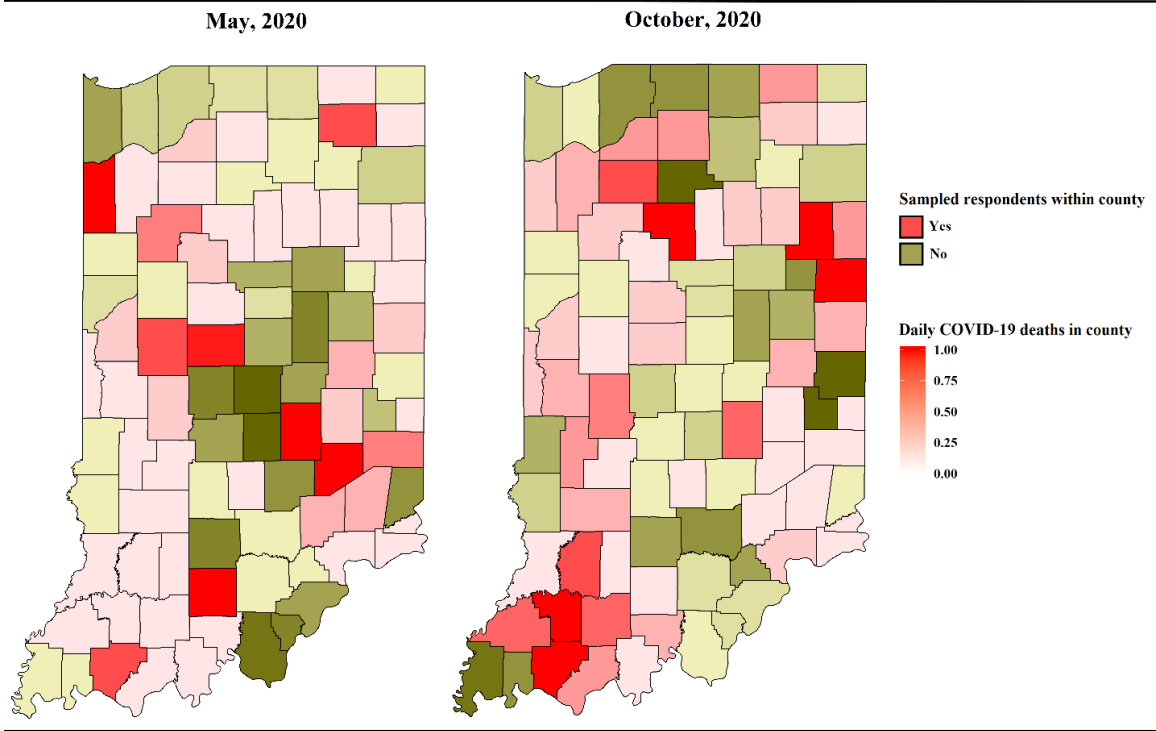
Figure S2. Geographic distribution of COVID-19 in Indiana during sample period and six months later
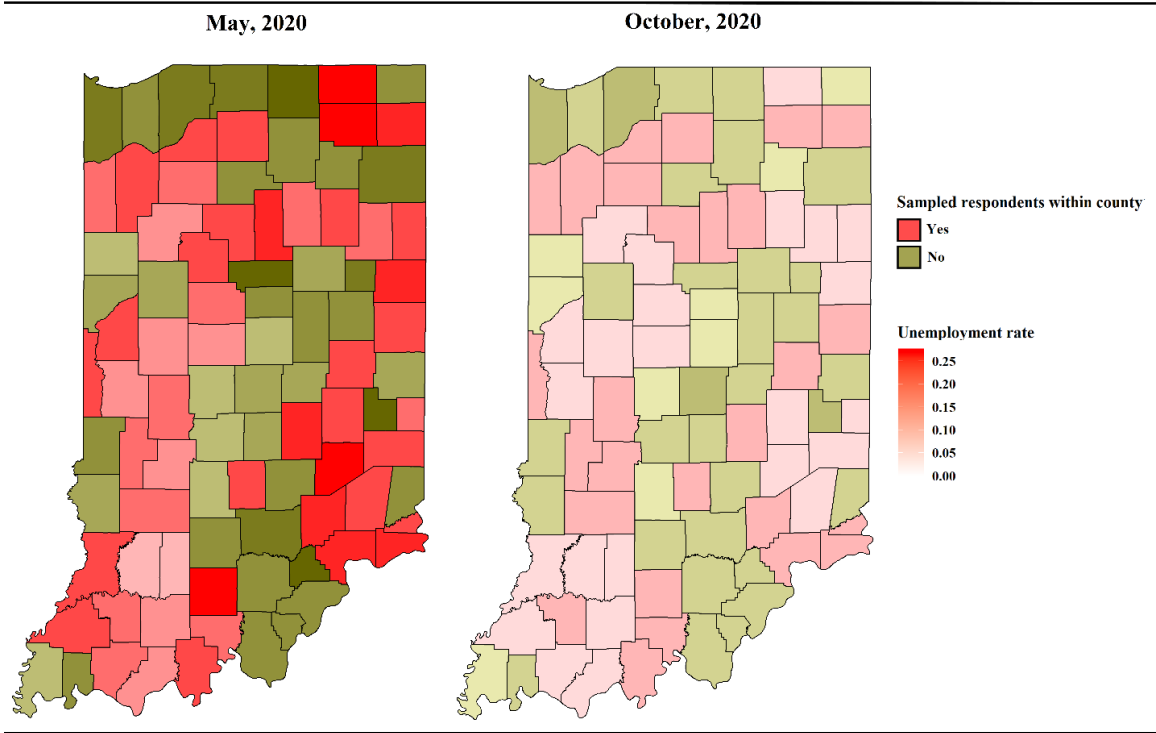
Fig. S3. Geographic distribution of unemployment in Indiana during sample period and six months later
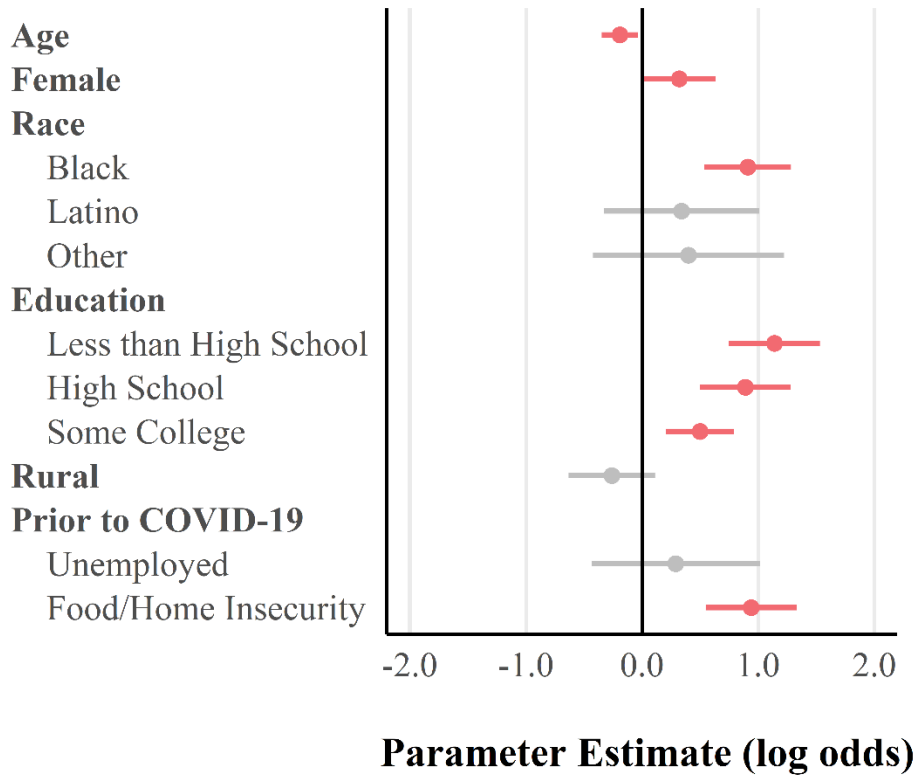
Parameter Estimate (log odds)

Fig. S4. Adjusted Parameter Estimates for Disparities in COVID-19
S2-S5Precarity, Person to Person Health Interview Survey (n=994)

Notes: Financial strain index (Chronbach's alpha = 0.76) based on each
respondent's agreement to questions regarding their food, financial, and
home insecurity. Dots represent parameter estimates and lines represent
95% confidence intervals. Colored dots indicate statistically significant
parameter estimates; grey dots indicate non-significant parameter estimates.
Model estimated with ordinal logistic regression. Model adjusted by sample
weights and standard errors clustered by shared county. Race reference
category = white. Education reference category = bachelors.

Table S1. COVID-19 context within sampled counties and entire state of Indiana

Population	Daily Cases	Daily Deaths	Unemployed
3/28/2020 - 5/31/2020			
Indiana	526	32	14.40%
Sample	428	27	14.44%
9/28/2020 - 10/31/2020			
Indiana	1,750	21	5.83%
Sample	1,370	16	6.18%

Table S2. COVID-19 has made me worry that I may not have a place to live (n=994)

Parameter	Estimate	(se)	
Age	0.09	(0.08)	
Female	0.26	(0.12)	*
Race			
Black	0.33	(0.33)	
Latino	0.21	(0.46)	
Other	0.44	(0.52)	
Education			
Less than High School	1.14	(0.25)	***
High School	1.19	(0.29)	***
Some College	0.59	(0.13)	***
Rural	-0.22	(0.20)	
Prior to COVID-19			
Unemployed	0.33	(0.38)	
Food/Home Insecurity	0.63	(0.22)	**
Intercepts			
Threshold=1	-0.19	(0.11)	
Threshold=2	3.09	(0.20)	***
Threshold=3	4.84	(0.28)	***
χ^2	0.00	***	

Notes: Ordinal logistic regression model adjusted by sample weights and standard errors clustered by shared county. Race reference category = white. Education reference category = bachelors. Estimates reported in log odds.

Table S3. COVID-19 has made me worry that I may not have enough money to buy food (n=994)

Parameter	Estimate	(se)	
Age	-0.17	(0.07)	*
Female	0.33	(0.18)	
Race			
Black	1.23	(0.23)	***
Latino	0.02	(0.47)	
Other	0.29	(0.39)	
Education			
Less than High School	1.47	(0.24)	***
High School	1.01	(0.21)	***
Some College	0.76	(0.21)	***
Rural	-0.20	(0.18)	
Prior to COVID-19			
Unemployed	0.24	(0.40)	
Food/Home Insecurity	1.03	(0.25)	***
Intercepts			
Threshold=1	-0.72	(0.17)	***
Threshold=2	2.33	(0.16)	***
Threshold=3	4.07	(0.22)	***
χ^2	0.00	***	

Notes: Ordinal logistic regression model adjusted by sample weights and standard errors clustered by shared county. Race reference category = white. Education reference category = bachelors. Estimates reported in log odds.

Table S4. COVID-19 has made me worry about my finances, in general (n=994)

Parameter	Estimate	(se)	
Age	-0.29	(0.08)	***
Female	0.38	(0.17)	*
Race			
Black	0.50	(0.14)	***
Latino	0.64	(0.20)	**
Other	0.49	(0.46)	
Education			
Less than High School	0.53	(0.26)	*
High School	0.39	(0.18)	*
Some College	0.18	(0.14)	
Rural	-0.35	(0.14)	*
Prior to COVID-19			
Unemployed	0.20	(0.37)	
Food/Home Insecurity	0.78	(0.19)	***
Intercepts			
Threshold=1	-1.99	(0.20)	***
Threshold=2	0.50	(0.14)	***
Threshold=3	2.71	(0.16)	***
χ^2	0.00	***	

Notes: Ordinal logistic regression model adjusted by sample weights and standard errors clustered by shared county. Race reference category = white. Education reference category = bachelors. Estimates reported in log odds.

Table S5. I have been fired or laid off because of COVID-19 (n=994)

Parameter	Estimate	(se)	
Age	-0.85	(0.22)	***
Female	0.59	(0.34)	
Race			
Black	0.61	(0.27)	*
Latino	-0.05	(0.38)	
Other	-2.20	(1.18)	
Education			
Less than High School	1.06	(0.45)	*
High School	0.23	(0.35)	
Some College	0.96	(0.37)	**
Rural	-0.47	(0.41)	
Prior to COVID-19			
Unemployed	1.47	(0.35)	***
Food/Home Insecurity	-0.21	(0.27)	
Constant	-3.67	(0.38)	***
χ^2	0.00	***	

Notes: Logistic regression model adjusted by sample weights and standard errors clustered by shared county. Race reference category = white. Education reference category = bachelors. Estimates reported in log odds.