

Table S1. Coefficients for the Interaction term (mean and (95% CI)) comparing the associations between heatwave indices (HIs) and non-accidental death (NAD) in EQI tertile 2 and 3 to EQI tertile 1.

EQI Tertiles	Difference in Coefficients (95% CI)		
	HI 01	HI 02	HI 07
Overall 2	0.03 (-0.20, 0.26)	0.06 (-0.05, 0.18)	0.15 (-0.04, 0.35)
Overall 3	0.23 (0.02, 0.45)	0.14 (0.03, 0.25)	0.32 (0.13, 0.51)
Air 2	0.07 (-0.16, 0.31)	0.11 (-0.01, 0.23)	0.13 (-0.07, 0.34)
Air 3	0.24 (0.03, 0.45)	0.13 (0.03, 0.24)	0.30 (0.11, 0.48)
Water 2	-0.20 (-0.40, 0.01)	-0.08 (-0.19, 0.02)	-0.07 (-0.25, 0.12)
Water 3	-0.10 (-0.27, 0.08)	-0.04 (-0.13, 0.05)	0.06 (-0.10, 0.22)
Land 2	0.09 (-0.09, 0.26)	0.05 (-0.04, 0.14)	0.07 (-0.08, 0.22)
Land 3	0.11 (-0.03, 0.26)	0.05 (-0.03, 0.13)	0.10 (-0.03, 0.23)
Built 2	0.01 (-0.23, 0.24)	0.04 (-0.08, 0.16)	0.04 (-0.17, 0.25)
Built 3	0.17 (-0.06, 0.39)	0.09 (-0.02, 0.21)	0.15 (-0.05, 0.34)
Sociodemographic 2	0.10 (-0.04, 0.24)	0.03 (-0.04, 0.10)	-0.01 (-0.14, 0.12)
Sociodemographic 3	0.02 (-0.17, 0.21)	0.03 (-0.07, 0.13)	-0.01 (-0.17, 0.15)

EQI: Environmental Quality Index.

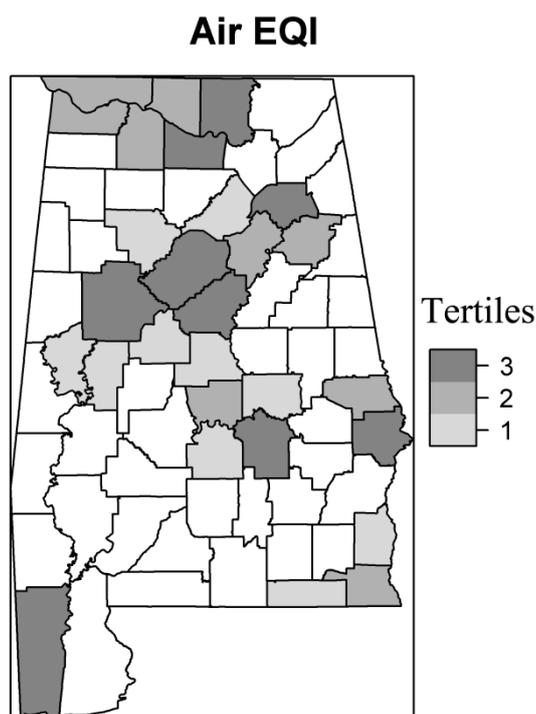


Figure S1. Tertiles for air EQI in metropolitan counties in Alabama. Non-metropolitan counties are white. Tertile 1: counties with the best air qualities in metropolitan areas; tertile 2: counties with median level air qualities; tertile 3: counties with the worst air qualities.

Water EQI

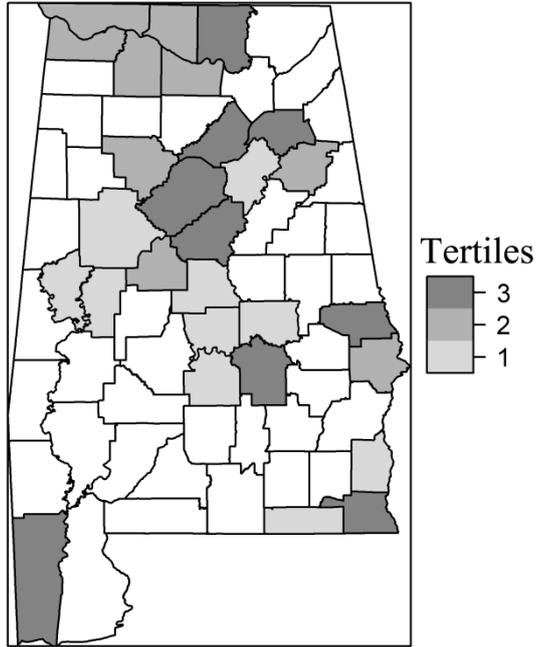


Figure S2. Tertiles for water EQI in metropolitan counties in Alabama. Non-metropolitan counties are white. Tertile 1: counties with the best water qualities in metropolitan areas; tertile 2: counties with median level water qualities; tertile 3: counties with the worst water qualities.

Land EQI

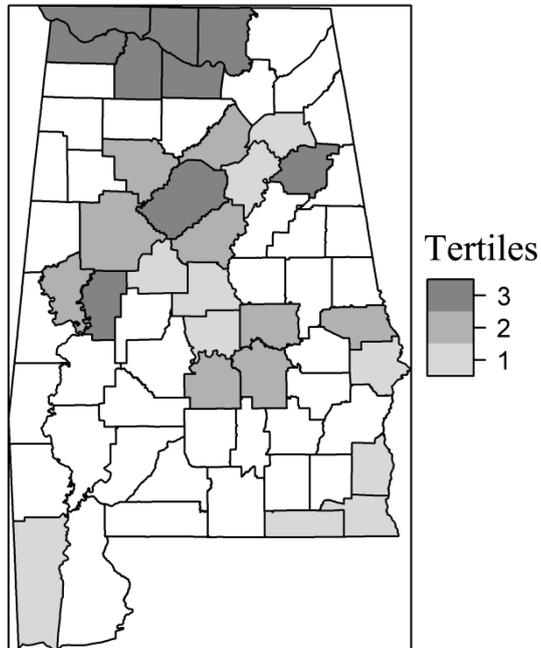


Figure S3. Tertiles for land EQI in metropolitan counties in Alabama. Non-metropolitan counties are white. Tertile 1: counties with the best land environments in metropolitan areas; tertile 2: counties with median level land environments; tertile 3: counties with the worst land environments.

Built EQI

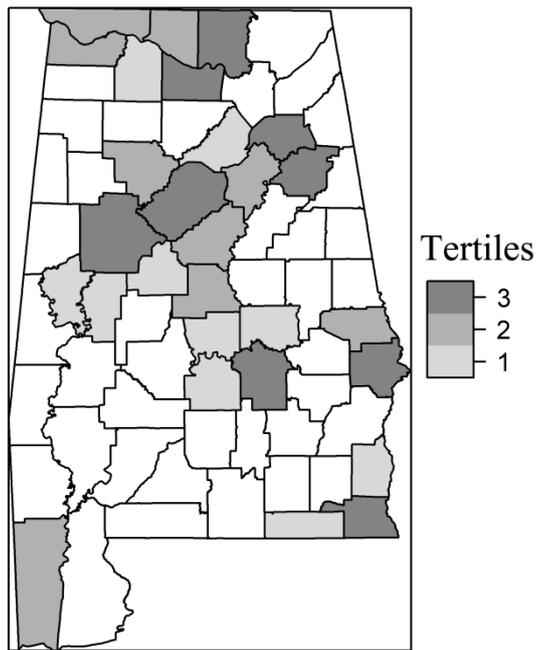


Figure S4. Tertiles for built EQI in metropolitan counties in Alabama. Non-metropolitan counties are white. Tertile 1: counties with the best built environments in metropolitan areas; tertile 2: counties with median level built land environments; tertile 3: counties with the worst built environments.

Sociodemographic EQI

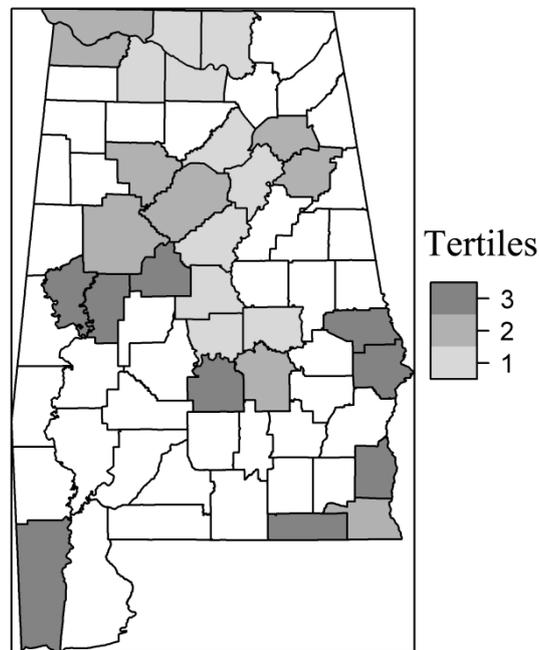


Figure S5. Tertiles for sociodemographic EQI in metropolitan counties in Alabama. Non-metropolitan counties are white. Tertile 1: counties with the best sociodemographic environments in metropolitan areas; tertile 2: counties with median level sociodemographic environments; tertile 3: counties with the worst sociodemographic environments.