Supplementary Table 1. Formulas for calculating the Index of Concentration at the Extremes (ICE)
ICE formulas calculated using the American Communities Survey (ACS; 2013) 5-year estimates

Domain of Spatial Social Polarization		Index of Concentration at the Extremes Formula	ACS Variable	Variable Description
Economic segregation	Income	$$\frac{(n \text{ persons living in} \geq \$100{,}000 \text{ income households}) - (n \text{ persons living in} \leq \$25{,}000 \text{ income households})}{total\ n\ population\ with\ household\ income\ data}$$	S1901	"Income in the past 12 months (in 2013 inflation-adjusted dollars"
Racial segregation	Race/ethnicity	$$\frac{(n \text{ "white alone" persons}) - (n \text{ "Black or African American alone" persons})}{total\ n\ population\ with\ race/ethnicity\ data}$$	B02001	"Race"
Racialized economic segregation	Income and race/ethnicity	$$\frac{(n \text{ "white alone" persons living in} \geq \$100{,}000 \text{ income households}) - (n \text{ "Black or African American alone" persons living in} \leq \$25{,}000 \text{ income households})}{total\ n\ population\ with\ household\ income\ and\ race/ethnicity\ data}$$	B19001	"Household income in the past 12 months (in 2013 inflation-adjusted dollars)"

Source: American Communities Survey data available from the United States Census Bureau online. Supplemental Table 1 is adapted from Scally et al. references: 18-20, 24.

Supplemental Table 2. Quintile cut-offs for segregation indices

	1	2	3	4
Economic Segregation	-0.477	-0.335	-0.165	0.024
Racial Segregation	-0.84856	-0.68957	-0.40737	0.275763
Racialized Economic Segregation	-0.44129	-0.30128	-0.16199	0.004208

For economic segregation, a value towards -1 indicates higher concentration of high-income (i.e., higher economic privilege) and a value towards 1 indicates higher low-income concentration (i.e., lower economic privilege). For racial segregation, a value of towards –1 indicates higher White racial composition (i.e., higher racial privilege) and a value towards 1 indicates higher Black racial composition (i.e., lower racial privilege). For racialized economic segregation, a value of towards -1 means indicates higher high-income White composition (i.e., higher racialized economic privilege) and a value towards 1 indicates higher low-income Black composition (i.e., lower racialized economic privilege).

Supplemental Table 3. Economic and Black-White racial segregation indices by county in Maryland based on American Community Survey, 2011-2015

County	Census Tracts N	Segregation														
		Economic					Racial					Racialized Economic				
		Median	Mean	SD	Min	Max	Median	Mean	SD	Min	Max	Median	Mean	SD	Min	Max
Allegany	23	0.16	0.18	0.18	-0.10	0.51	-0.91	-0.84	0.20	-0.99	-0.11	-0.12	-0.12	0.08	-0.29	0.02
Anne Arundel	102	-0.37	-0.34	0.21	-1.00	0.24	-0.73	-0.62	0.31	-0.97	0.49	-0.38	-0.36	0.18	-1.00	0.06
Baltimore	211	-0.13	-0.16	0.23	-0.66	0.63	-0.62	-0.41	0.53	-0.99	0.84	-0.17	-0.20	0.21	-0.66	0.31
Baltimore City	198	0.23	0.18	0.28	-0.72	0.82	0.62	0.33	0.65	-0.92	1.00	0.24	0.16	0.30	-0.70	0.82
Calvert	18	-0.38	-0.38	0.16	-0.64	-0.11	-0.72	-0.69	0.15	-0.90	-0.28	-0.41	-0.40	0.12	-0.58	-0.15
Caroline	9	-0.05	0.02	0.14	-0.14	0.23	-0.73	-0.67	0.16	-0.85	-0.35	-0.17	-0.12	0.10	-0.20	0.06
Carroll	38	-0.33	-0.30	0.15	-0.60	0.05	-0.92	-0.89	0.07	-0.97	-0.66	-0.40	-0.40	0.10	-0.59	-0.15
Cecil	19	-0.12	-0.13	0.16	-0.38	0.30	-0.87	-0.83	0.15	-0.97	-0.59	-0.27	-0.27	0.11	-0.43	0.00
Charles	30	-0.32	-0.31	0.18	-0.57	0.09	-0.06	-0.11	0.38	-0.76	0.56	-0.21	-0.19	0.16	-0.46	0.17
Dorchester	9	0.02	0.06	0.18	-0.15	0.43	-0.52	-0.43	0.43	-0.87	0.43	-0.07	-0.05	0.19	-0.24	0.37
Frederick	61	-0.30	-0.30	0.22	-0.69	0.25	-0.84	-0.75	0.23	-1.00	-0.06	-0.36	-0.35	0.16	-0.69	0.10
Garrett	7	0.11	0.10	0.07	-0.02	0.18	-0.97	-0.97	0.02	-0.99	-0.92	-0.13	-0.16	0.06	-0.28	-0.11
Harford	57	-0.29	-0.26	0.21	-0.60	0.37	-0.80	-0.70	0.28	-1.00	0.29	-0.34	-0.32	0.17	-0.60	0.14
Howard	55	-0.54	-0.50	0.19	-0.92	-0.13	-0.46	-0.42	0.26	-0.92	0.11	-0.38	-0.38	0.17	-0.65	-0.03
Kent	5	-0.06	-0.02	0.10	-0.12	0.12	-0.66	-0.69	0.11	-0.80	-0.55	-0.14	-0.15	0.06	-0.22	-0.06
Montgomery	215	-0.43	-0.42	0.25	-0.87	0.14	-0.44	-0.41	0.33	-0.96	0.74	-0.32	-0.34	0.22	-0.86	0.11
Prince George's	218	-0.17	-0.21	0.23	-0.81	0.51	0.59	0.45	0.41	-0.64	0.97	0.01	0.00	0.14	-0.51	0.29
Queen Anne's	11	-0.31	-0.31	0.13	-0.48	-0.08	-0.81	-0.81	0.10	-0.94	-0.64	-0.41	-0.37	0.12	-0.52	-0.19
Somerset	7	0.16	0.18	0.20	-0.17	0.40	-0.36	-0.27	0.50	-0.70	0.46	-0.05	-0.02	0.15	-0.17	0.27
St. Mary's	17	-0.35	-0.28	0.17	-0.52	0.09	-0.76	-0.66	0.24	-0.89	-0.13	-0.37	-0.32	0.17	-0.53	0.02
Talbot	10	-0.13	-0.08	0.15	-0.19	0.24	-0.78	-0.72	0.17	-0.87	-0.34	-0.25	-0.21	0.13	-0.37	0.06
Washington	31	0.01	0.04	0.23	-0.30	0.56	-0.82	-0.76	0.22	-0.97	0.00	-0.18	-0.15	0.15	-0.39	0.22
Wicomico	19	0.05	0.06	0.21	-0.33	0.45	-0.49	-0.40	0.45	-0.86	0.73	-0.09	-0.07	0.19	-0.37	0.46

Worcester	15	-0.04	-0.05	0.15	-0.28	0.21	-0.85	-0.73	0.31	-0.99	0.06	-0.20	-0.18	0.14	-0.37	0.08
Total	1385	-0.20	-0.19	0.30	-1.00	0.82	-0.47	-0.26	0.62	-1.00	1.00	-0.18	-0.17	0.27	-1.00	0.82

For economic segregation, a value towards -1 indicates higher concentration of high-income (i.e., higher economic privilege) and a value towards 1 indicates higher low-income concentration (i.e., lower economic privilege). For racial segregation, a value of towards –1 indicates higher Black racial composition (i.e., lower racial privilege) and a value towards 1 indicates higher White racial composition (i.e., higher racial privilege). For racialized economic segregation, a value of towards -1 means indicates higher high-income White composition (i.e., higher racialized economic privilege) and a value towards 1 indicates higher low-income Black composition (i.e., lower racialized economic privilege).

Supplemental Table 4. Age-adjusted hazard ratios and 95% confidence intervals for breast cancer-specific mortality associated with economic and Black-White racial segregation indices among women with breast cancer, overall and by race, age, and prognostic factors, Maryland Cancer Registry 2007-2017

	ER		Hormone Therapy (ER+ Only)		Chemotherapy		Radiation		Stage		
	ER-	ER+	No	Yes	No	Yes	No	Yes	Local	Regional	Distant
Deaths	1177	2256	768	1146	1376	2054	2156	1245	514	1120	925
Person-Years	39768	169941	42113	95066	113588	89543	95528	106821	103430	48426	4082
					Economic Segregation						
Quintile 1					1.00 (reference; most privileged/least deprived)						
Quintile 2	1.25**	1.14*	1.27**	0.99	1.08	1.23***	1.16*	1.23**	1.02	1.29**	0.94
	(1.03, 1.53)	(0.98, 1.32)	(1.01, 1.62)	(0.81, 1.22)	(0.88, 1.32)	(1.06, 1.43)	(0.99, 1.35)	(1.02, 1.49)	(0.76, 1.35)	(1.05, 1.59)	(0.75, 1.18)
Quintile 3	1.11	1.24***	1.17	1.19*	1.16	1.20**	1.19**	1.24**	1.00	1.38***	1.00
	(0.91, 1.35)	(1.08, 1.42)	(0.91, 1.49)	(0.99, 1.44)	(0.96, 1.40)	(1.03, 1.40)	(1.03, 1.38)	(1.02, 1.51)	(0.74, 1.34)	(1.14, 1.67)	(0.80, 1.26)
Quintile 4	1.32***	1.39***	1.38***	1.35***	1.33***	1.38***	1.48***	1.35***	1.34**	1.22*	1.18
	(1.10, 1.59)	(1.21, 1.60)	(1.09, 1.73)	(1.11, 1.64)	(1.09, 1.61)	(1.19, 1.60)	(1.27, 1.72)	(1.11, 1.63)	(1.02, 1.76)	(1.00, 1.50)	(0.94, 1.48)
Quintile 5	1.55***	1.69***	1.75***	1.54***	1.58***	1.68***	1.68***	1.62***	1.46***	1.74***	1.20*
	(1.29, 1.86)	(1.47, 1.93)	(1.39, 2.20)	(1.27, 1.87)	(1.31, 1.90)	(1.46, 1.93)	(1.47, 1.93)	(1.34, 1.95)	(1.11, 1.91)	(1.45, 2.08)	(0.98, 1.48)
P-interaction	0.46		0.36		0.85		0.59			0.19	
					Racial Segregation						
Quintile 1					1.00 (reference; most privileged/least deprived)						
Quintile 2	1.10	1.04	0.91	1.09	1.04	1.06	1.01	1.13	1.18	1.18	0.89
	(0.90, 1.36)	(0.91, 1.19)	(0.71, 1.17)	(0.91, 1.31)	(0.88, 1.24)	(0.91, 1.23)	(0.88, 1.17)	(0.94, 1.37)	(0.88, 1.58)	(0.96, 1.44)	(0.71, 1.11)
Quintile 3	1.01	1.11	0.96	1.23**	1.18*	1.10	1.08	1.15	1.09	1.10	1.05
	(0.82, 1.24)	(0.97, 1.27)	(0.75, 1.23)	(1.02, 1.47)	(1.00, 1.40)	(0.95, 1.28)	(0.94, 1.24)	(0.95, 1.40)	(0.81, 1.47)	(0.90, 1.35)	(0.85, 1.29)
Quintile 4	1.28**	1.38***	1.34**	1.45***	1.45***	1.42***	1.36***	1.53***	1.67***	1.38***	0.96
	(1.05, 1.55)	(1.21, 1.58)	(1.07, 1.67)	(1.21, 1.75)	(1.23, 1.72)	(1.23, 1.63)	(1.19, 1.56)	(1.28, 1.83)	(1.26, 2.21)	(1.13, 1.67)	(0.78, 1.18)
Quintile 5	1.35***	1.44***	1.39***	1.44***	1.58***	1.45***	1.44***	1.71***	1.66***	1.63***	1.07
	(1.12, 1.62)	(1.26, 1.64)	(1.11, 1.73)	(1.19, 1.73)	(1.33, 1.87)	(1.26, 1.66)	(1.26, 1.64)	(1.43, 2.05)	(1.25, 2.22)	(1.35, 1.96)	(0.87, 1.31)
P-interaction	0.74		0.46		0.87		0.69			0.02	
					Racialized Economic Segregation						
Quintile 1					1.00 (reference; most privileged/least deprived)						
Quintile 2	1.05	1.16**	1.11	1.18	1.06	1.23**	1.06	1.24**	1.03	1.20*	0.92
	(0.85, 1.30)	(1.00, 1.34)	(0.86, 1.43)	(0.97, 1.44)	(0.87, 1.28)	(1.05, 1.44)	(0.91, 1.24)	(1.02, 1.52)	(0.75, 1.41)	(0.98, 1.47)	(0.74, 1.16)
Quintile 3	1.24**	1.34***	1.17	1.43***	1.18*	1.42***	1.31***	1.41***	1.35**	1.25**	1.09
	(1.00, 1.52)	(1.16, 1.55)	(0.91, 1.49)	(1.18, 1.74)	(0.98, 1.43)	(1.22, 1.66)	(1.12, 1.52)	(1.16, 1.71)	(1.01, 1.81)	(1.01, 1.53)	(0.88, 1.35)
Quintile 4	1.16	1.46***	1.34**	1.58***	1.27**	1.53***	1.33***	1.55***	1.55***	1.28**	1.07
	(0.94, 1.43)	(1.27, 1.69)	(1.06, 1.69)	(1.30, 1.93)	(1.05, 1.53)	(1.31, 1.78)	(1.13, 1.56)	(1.28, 1.88)	(1.17, 2.05)	(1.05, 1.56)	(0.86, 1.32)
Quintile 5	1.51***	1.79***	1.77***	1.77***	1.80***	1.77***	1.70***	2.01***	1.72***	1.72***	1.26**
	(1.24, 1.82)	(1.56, 2.06)	(1.41, 2.21)	(1.45, 2.16)	(1.50, 2.16)	(1.53, 2.05)	(1.47, 1.97)	(1.68, 2.41)	(1.30, 2.29)	(1.43, 2.07)	(1.03, 1.54)
P-interaction	0.49		0.48		0.13		0.63			0.49	

*p-value<0.1, **p-value<0.05, ***p-value<0.01

For economic segregation, a quintile towards 1 indicates higher concentration of high-income households (i.e., higher economic privilege) and a quintile towards 5 indicates higher concentration of low-income households (i.e., lower economic privilege). For racial segregation, a quintile towards 1 indicates higher concentration of White households (i.e., higher racial privilege) and a quintile towards 5 indicates higher concentration of Black households (i.e., lower racial privilege). For racialized economic segregation, a quintile of towards 1 indicates higher concentration of high-income White households (i.e., higher racialized economic privilege) and quintile towards 5 indicates higher concentration of low-income Black household (i.e., lower racialized economic privilege).

Supplemental Table 5. Age- and race-adjusted hazard ratios and 95% confidence intervals for breast cancer-specific mortality associated with economic and Black-White racial segregation indices among women with breast cancer, overall and by age and prognostic factors, Maryland Cancer Registry 2007-2017

| | Overall | Age | | Stage | | |
		<60	60+	Local	Regional	Distant
Deaths	3739	1665	2074	514	1120	925
Person-Years	216295	111699	104596	103430	48426	4082
			Economic Segregation			
Quintile 1			1.00 (reference; most privileged/least deprived)			
Quintile 2	1.16**	1.25**	1.09	1.00	1.28**	0.93
	(1.03, 1.31)	(1.05, 1.49)	(0.93, 1.28)	(0.75, 1.33)	(1.04, 1.57)	(0.75, 1.17)
Quintile 3	1.16***	1.26***	1.07	0.95	1.32***	0.99
	(1.04, 1.30)	(1.07, 1.50)	(0.92, 1.24)	(0.71, 1.28)	(1.09, 1.60)	(0.79, 1.25)
Quintile 4	1.32***	1.38***	1.25***	1.24	1.14	1.17
	(1.17, 1.47)	(1.16, 1.64)	(1.08, 1.44)	(0.95, 1.63)	(0.93, 1.40)	(0.93, 1.46)
Quintile 5	1.43***	1.61***	1.31***	1.21	1.45***	1.17
	(1.28, 1.60)	(1.36, 1.90)	(1.14, 1.51)	(0.92, 1.60)	(1.20, 1.76)	(0.94, 1.45)
P-interaction		0.40			0.30	
			Racial Segregation			
Quintile 1			1.00 (reference; most privileged/least deprived)			
Quintile 2	1.04	1.05	1.03	1.15	1.15	0.87
	(0.92, 1.17)	(0.88, 1.25)	(0.90, 1.19)	(0.85, 1.56)	(0.94, 1.40)	(0.70, 1.10)
Quintile 3	1.05	1.02	1.07	1.01	1.01	1.03
	(0.93, 1.18)	(0.86, 1.21)	(0.93, 1.24)	(0.74, 1.36)	(0.82, 1.24)	(0.83, 1.27)
Quintile 4	1.19***	1.20**	1.18**	1.38**	1.11	0.91
	(1.06, 1.34)	(1.00, 1.43)	(1.02, 1.36)	(1.03, 1.85)	(0.90, 1.38)	(0.73, 1.14)
Quintile 5	1.07	1.07	1.08	1.05	1.05	0.95
	(0.93, 1.22)	(0.88, 1.30)	(0.92, 1.28)	(0.73, 1.50)	(0.83, 1.33)	(0.73, 1.23)
P-interaction		0.97			0.18	
			Racialized Economic Segregation			
Quintile 1			1.00 (reference; most privileged/least deprived)			
Quintile 2	1.12*	1.16	1.09	1.01	1.17	0.92
	(0.99, 1.27)	(0.97, 1.40)	(0.93, 1.28)	(0.73, 1.38)	(0.95, 1.43)	(0.73, 1.16)
Quintile 3	1.27***	1.37***	1.19**	1.27	1.14	1.08
	(1.13, 1.43)	(1.14, 1.65)	(1.03, 1.38)	(0.95, 1.71)	(0.93, 1.40)	(0.87, 1.34)
Quintile 4	1.26***	1.41***	1.14	1.33*	1.09	1.06
	(1.11, 1.42)	(1.16, 1.70)	(0.97, 1.33)	(0.99, 1.79)	(0.89, 1.34)	(0.85, 1.31)
Quintile 5	1.39***	1.46***	1.37***	1.19	1.22*	1.22*
	(1.22, 1.59)	(1.19, 1.78)	(1.16, 1.63)	(0.86, 1.65)	(0.99, 1.52)	(0.97, 1.54)
P-interaction		0.34			0.62	

*p-value<0.1, **p-value<0.05, ***p-value<0.01

For economic segregation, a value towards -1 indicates higher concentration of high-income (i.e., higher economic privilege) and a value towards 1 indicates higher low-income concentration (i.e., lower economic privilege). For racial segregation, a value of towards −1 indicates higher White racial composition (i.e., higher racial privilege) and a value

towards 1 indicates higher Black racial composition (i.e., lower racial privilege). For racialized economic segregation, a value of towards -1 means indicates higher high-income White composition (i.e., higher racialized economic privilege) and a value towards 1 indicates higher low-income Black composition (i.e., lower racialized economic privilege).

Supplemental Table 5 (continued). Age- and race-adjusted hazard ratios and 95% confidence intervals for breast cancer-specific mortality associated with economic and Black-White racial segregation indices among women with breast cancer, overall and by age and prognostic factors, Maryland Cancer Registry 2007-2017

	ER		Hormone Therapy (ER+ Only)		Chemotherapy		Radiation	
	ER-	ER+	No	Yes	No	Yes	No	Yes
Deaths	1177	2256	768	1146	1376	2054	2156	1245
Person-Years	39768	169941	42113	95066	113588	89543	95528	106821
	Economic Segregation							
Quintile 1	1.00 (reference; most privileged/least deprived)							
Quintile 2	1.22**	1.13	1.26*	0.99	1.06	1.21**	1.14*	1.21**
	(1.00, 1.50)	(0.98, 1.31)	(1.00, 1.60)	(0.80, 1.21)	(0.86, 1.30)	(1.05, 1.41)	(0.98, 1.34)	(1.01, 1.45)
Quintile 3	1.07	1.21***	1.15	1.18*	1.12	1.17**	1.15*	1.19*
	(0.89, 1.31)	(1.05, 1.39)	(0.89, 1.47)	(0.97, 1.42)	(0.93, 1.35)	(1.01, 1.36)	(1.00, 1.33)	(0.98, 1.44)
Quintile 4	1.25**	1.34***	1.33**	1.31***	1.26**	1.32***	1.40***	1.25**
	(1.03, 1.50)	(1.16, 1.54)	(1.05, 1.68)	(1.08, 1.60)	(1.04, 1.53)	(1.14, 1.53)	(1.20, 1.63)	(1.04, 1.52)
Quintile 5	1.38***	1.52***	1.58***	1.45***	1.36***	1.52***	1.46***	1.38***
	(1.15, 1.66)	(1.32, 1.75)	(1.25, 2.00)	(1.19, 1.76)	(1.13, 1.64)	(1.32, 1.75)	(1.26, 1.68)	(1.14, 1.67)
	0.45		0.41		0.78		0.59	
	Racial Segregation							
Quintile 1	1.00 (reference; most privileged/least deprived)							
Quintile 2	1.07	1.02	0.90	1.08	1.02	1.04	0.99	1.11
	(0.87, 1.32)	(0.89, 1.18)	(0.70, 1.15)	(0.89, 1.31)	(0.86, 1.22)	(0.89, 1.20)	(0.86, 1.14)	(0.91, 1.34)
Quintile 3	0.93	1.06	0.92	1.20**	1.12	1.05	1.01	1.08
	(0.76, 1.15)	(0.92, 1.22)	(0.72, 1.19)	(1.00, 1.44)	(0.94, 1.33)	(0.91, 1.23)	(0.87, 1.16)	(0.89, 1.31)
Quintile 4	1.07	1.23***	1.19	1.37***	1.25**	1.26***	1.15*	1.29***
	(0.87, 1.33)	(1.07, 1.42)	(0.94, 1.50)	(1.13, 1.66)	(1.04, 1.49)	(1.08, 1.46)	(0.99, 1.32)	(1.07, 1.57)
Quintile 5	0.98	1.09	1.06	1.23*	1.07	1.14	0.98	1.19
	(0.78, 1.22)	(0.92, 1.30)	(0.80, 1.41)	(0.97, 1.57)	(0.87, 1.32)	(0.96, 1.35)	(0.83, 1.16)	(0.95, 1.48)
	0.49		0.56		0.90		0.72	
	Racialized Economic Segregation							
Quintile 1	1.00 (reference; most privileged/least deprived)							
Quintile 2	1.03	1.15*	1.10	1.18	1.05	1.22**	1.05	1.22**
	(0.83, 1.28)	(0.99, 1.33)	(0.85, 1.42)	(0.96, 1.44)	(0.86, 1.27)	(1.04, 1.43)	(0.89, 1.22)	(1.00, 1.49)
Quintile 3	1.17	1.30***	1.14	1.41***	1.13	1.37***	1.24***	1.33***
	(0.95, 1.45)	(1.13, 1.50)	(0.89, 1.46)	(1.16, 1.72)	(0.94, 1.37)	(1.18, 1.60)	(1.06, 1.45)	(1.10, 1.62)
Quintile 4	1.04	1.37***	1.25*	1.54***	1.16	1.41***	1.20**	1.36***
	(0.84, 1.28)	(1.18, 1.59)	(0.98, 1.60)	(1.26, 1.90)	(0.96, 1.41)	(1.20, 1.65)	(1.01, 1.41)	(1.11, 1.67)
Quintile 5	1.20*	1.52***	1.52***	1.65***	1.39***	1.51***	1.32***	1.54***
	(0.97, 1.50)	(1.29, 1.80)	(1.16, 1.99)	(1.30, 2.09)	(1.13, 1.71)	(1.27, 1.79)	(1.11, 1.56)	(1.24, 1.90)
	0.24		0.56		0.43		0.70	

*p-value<0.1, **p-value<0.05, ***p-value<0.01

For economic segregation, a quintile towards 1 indicates higher concentration of high-income households (i.e., higher economic privilege) and a quintile towards 5 indicates higher concentration of low-income households (i.e., lower economic privilege. For racial segregation, a quintile towards 1 indicates higher concentration of White households (i.e., higher racial privilege) and a quintile towards 5 indicates higher concentration of Black households (i.e., lower racial privilege). For racialized economic segregation, a quintile of towards 1 indicates higher concentration of high-income White households (i.e., higher racialized economic privilege) and quintile towards 5 indicates higher concentration of low-income Black household (i.e., lower racialized economic privilege).

Supplemental Table 6. Age-adjusted hazard ratios and 95% confidence intervals for breast cancer-specific mortality associated with economic and Black-White racial segregation indices among women with breast cancer by time since diagnosis, Maryland Cancer Registry 2007-2017

	Years 0-5 2965 deaths 144,863 person-years		Years 5+ 774 deaths 71,432 person-years	
	HR	95% CI	HR	95% CI
Economic Segregation				
Quintile 1	Reference (most privileged)		Reference (most privileged)	
Quintile 2	1.17**	(1.03, 1.33)	1.22*	(0.97, 1.53)
Quintile 3	1.21***	(1.07, 1.38)	1.18	(0.94, 1.49)
Quintile 4	1.46***	(1.30, 1.65)	1.21*	(0.97, 1.53)
Quintile 5	1.77***	(1.58, 1.99)	1.31**	(1.04, 1.64)
Racial Segregation				
Quintile 1	Reference (most privileged)		Reference (most privileged)	
Quintile 2	1.04	(0.92, 1.18)	1.14	(0.91, 1.43)
Quintile 3	1.18***	(1.05, 1.33)	0.91	(0.71, 1.16)
Quintile 4	1.41***	(1.25, 1.59)	1.48***	(1.19, 1.84)
Quintile 5	1.69***	(1.50, 1.89)	1.16	(0.92, 1.47)
Racialized Economic Segregation				
Quintile 1	Reference (most privileged)		Reference (most privileged)	
Quintile 2	1.14*	(1.00, 1.29)	1.17	(0.93, 1.48)
Quintile 3	1.33***	(1.17, 1.5)	1.39***	(1.11, 1.75)
Quintile 4	1.45***	(1.28, 1.64)	1.32**	(1.04, 1.66)
Quintile 5	1.97***	(1.75, 2.21)	1.39***	(1.10, 1.75)

*p-value<0.1, **p-value<0.05, ***p-value<0.01

For economic segregation, a quintile towards 1 indicates higher concentration of high-income households (i.e., higher economic privilege) and a quintile towards 5 indicates higher concentration of low-income households (i.e., lower economic privilege). For racial segregation, a quintile towards 1 indicates higher concentration of White households (i.e., higher racial privilege) and a quintile towards 5 indicates higher concentration of Black households (i.e., lower racial privilege). For racialized economic segregation, a quintile of towards 1 indicates higher concentration of high-income White households (i.e., higher racialized economic privilege) and quintile towards 5 indicates higher concentration of low-income Black household (i.e., lower racialized economic privilege).