

## Circadian disruption and colorectal cancer incidence in Black women

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**Supplemental Table S4. Age-adjusted hazard ratios for the association between chronotype and risk of colorectal cancer, according to strata of age, geographic region, BMI, and night shift work.**

Stratifying variables	Morning chronotype			Evening chronotype			Neither a morning nor evening chronotype		
	Cases	Person-Years	Age-adjusted HR (95% CI) <sup>a</sup>	Cases	Person-Years	Age-adjusted HR (95% CI) <sup>a</sup>	Cases	Person-Years	Age-adjusted HR (95% CI) <sup>a</sup>
Age									
<50 years	38	173,659	1.00 (ref)	23	103,534	1.00 (0.59–1.67)	8	37,990	0.94 (0.44–2.02)
≥50 years	118	179,229	1.00 (ref)	55	87,379	0.97 (0.71–1.34)	22	42,994	0.73 (0.46–1.15)
Geographic region									
Northeast	35	81,759	1.00 (ref)	17	42,364	1.04 (0.58–1.87)	<sup>c</sup>	–	–
South	52	121,542	1.00 (ref)	25	68,842	0.89 (0.55–1.44)	12	26,705	1.03 (0.55–1.94)
Midwest	37	80,094	1.00 (ref)	17	40,487	0.97 (0.55–1.73)	6	17,503	0.72 (0.30–1.71)
West	27	61,995	1.00 (ref)	17	35,130	1.22 (0.66–2.24)	7	14,728	0.95 (0.41–2.20)
BMI									
<30	90	206,462	1.00 (ref)	38	103,845	0.91 (0.62–1.33)	14	45,133	0.67 (0.38–1.18)
≥30	66	143,382	1.00 (ref)	40	85,847	1.07 (0.72–1.60)	16	35,119	0.90 (0.52–1.56)
Night shift work <sup>b</sup>									
Never	47	100,198	1.00 (ref)	22	52,878	0.96 (0.58–1.60)	7	22,067	0.66 (0.30–1.48)
Ever	30	68,709	1.00 (ref)	24	40,834	1.41 (0.82–2.42)	6	15,880	0.84 (0.35–2.03)

BMI, Body mass index; HR, Hazard ratio; CI, Confidence interval.

<sup>a</sup> Hazard ratios adjusted for age (continuous) and time period (continuous).

<sup>b</sup> Follow-up for night shift work-stratified analysis began in 2005, when data on night shift work was ascertained.

<sup>c</sup> Hazard ratios are not presented for case counts <5.