

1 **Table S1.** Total cancer deaths in all counties within 200 km of an operational power plant for the
2 duration of 2000 to 2018.

SEX	AGE GROUP	TOTAL CANCER DEATHS
FEMALE	35_44	97,536
FEMALE	45_54	311,442
FEMALE	55_64	624,238
FEMALE	65_74	878,866
FEMALE	75_84	1,010,316
FEMALE	85+	670,248
MALE	35_44	73,665
MALE	45_54	307,074
MALE	55_64	746,782
MALE	65_74	1,062,167
MALE	75_84	1,105,497
MALE	85+	559,185

5 **Table S2.** Annual covariates used in the statistical models (2000-2018).

Variable	Data source
Education below high school, %	United States Census American Community Survey
Median household income, \$	United States Census American Community Survey
Below federal poverty level, %	United States Census American Community Survey
White, %	United States Census American Community Survey
Population density, ppl/km ²	NASA Socioeconomic Data and Applications Center
Average temperature, degrees °C	National Oceanic and Atmospheric Administration
Average relative humidity, %	National Oceanic and Atmospheric Administration
Current smoke, (1-100)	BRFSS Area Health Resource Files
Nearest hospital, Km	ESRI's hospital distribution files
Age over 65, %	United States Census American Community Survey
Ambulance visit, %	Dartmouth Health Atlas
Renting, %	United States Census American Community Survey
Poverty, %	United States Census American Community Survey
Asian, %	United States Census American Community Survey
African American, %	United States Census American Community Survey
Average BMI	BRFSS Area Health Resource Files

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