

Electronic Supplementary Information

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Tables

Table A1. Variable definitions and sources

Variable	Definition	Source
MMR	• 1915-1978: The number of women deaths that occur during pregnancy or within 1 year of termination of pregnancy per 100,000 live births • 1979-2007: The number of women deaths that occur during pregnancy or within 42 days of termination of pregnancy per 100,000 live births	• 1915-2002 (All races and White): Hoyert (2007) • 1915-1934 (Non-White): Linder and Grove (1943) ^a • 1935-2002 (Black): Hoyert (2007) • 2003-2007 (All races, White, and Black): National Vital Statistics Reports
President's party affiliation	A year in which a Republican president is in office.	
Unemployment rate	The number of unemployed people as a percentage of the labor force ^b	• 1915-1970: (Census1975) • 1971-2017: US Bureau of Labor Statistics
Percentage of women aged 15-44	Percentage of women aged 15-44 years	• 1915-1989: Census • 1990-2017: CDC
Fertility rate	Births per 1,000 women aged 15-44 years	• 1915-1970: (Census1975) • 1971-2000: CDC • 2001-2017: National Vital Statistics Reports
War year	A year in which official war lasts at least for one month	1915-2017: (CRS2019)
Recession year	A year in which economic contraction lasts at least for a quarter	1915-2017: NBER (National Bureau of Economic Research)

^a Prior to 1933, data for birth-registration states only.

^b Labor force data are restricted to people 14 years of age and older for the period 1915-1946, and restricted to people 16 years of age and older for 1947-2017.

Table A2. Robustness checks: Parameter estimates for presidential party (Republican) effects on overall and race-specific maternal mortality rates before and after the Political Realignment, 1915-2007, using different de-trending strategies (HP-filter ($\gamma=100$), and 8-, 9-, and 10-knot cubic splines)

	HP-filter			8-knot spline			9-knot spline			10-knot spline		
	Pre-PR	Post-PR	Difference	Pre-PR	Post-PR	Difference	Pre-PR	Post-PR	Difference	Pre-PR	Post-PR	Difference
Ln MMR												
Coefficient Estimate	-.059	.028	.086	-.039	.030	.069	-.031	.025	.056	-.009	.048	.056
95% Confidence Interval	$\pm .041$	$\pm .041$	$\pm .060$	$\pm .043$	$\pm .050$	$\pm .066$	$\pm .047$	$\pm .044$	$\pm .065$	$\pm .027$	$\pm .044$	$\pm .050$
P-value	.006	.186	.005	.079	.230	.041	.198	.251	.090	.510	.036	.028
Ln WMMR												
Coefficient Estimate	-.052	.021	.074	-.034	.025	.059	-.025	.020	.046	-.004	.040	.044
95% Confidence Interval	$\pm .043$	$\pm .057$	$\pm .071$	$\pm .045$	$\pm .064$	$\pm .077$	$\pm .050$	$\pm .057$	$\pm .075$	$\pm .027$	$\pm .060$	$\pm .063$
P-value	.017	.451	.043	.137	.429	.130	.307	.468	.224	.753	.189	.165
Ln BMMR												
Coefficient Estimate	-.058	.036	.095	-.033	.046	.079	-.030	.041	.071	-.013	.059	.071
95% Confidence Interval	$\pm .046$	$\pm .048$	$\pm .069$	$\pm .037$	$\pm .054$	$\pm .064$	$\pm .045$	$\pm .055$	$\pm .070$	$\pm .032$	$\pm .051$	$\pm .059$
P-value	.015	.132	.008	.079	.091	.015	.182	.143	.046	.422	.026	.019

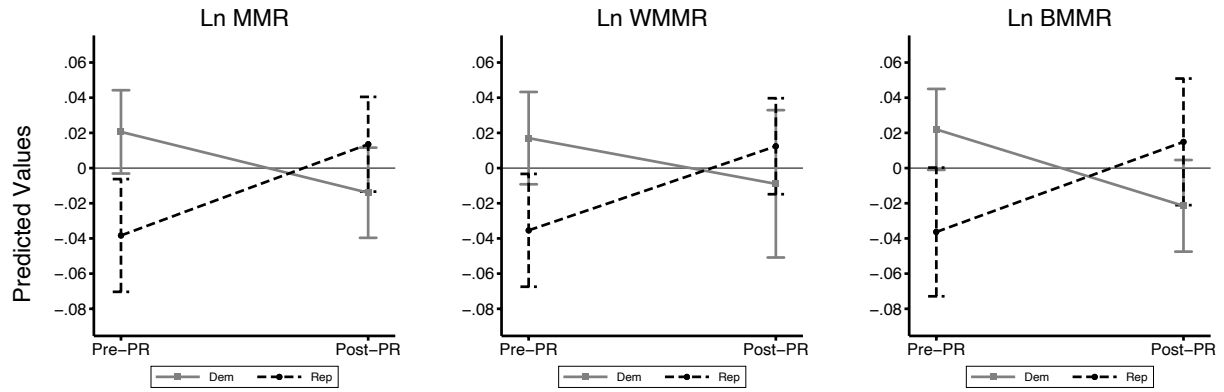
Note: All models control for Ln unemployment rate, Ln percentage of women aged 15-44, Ln fertility rate, war year, and recession year.

Table A3. Robustness checks goodness of fit statistics: Sum of squared residuals for de-trended Ln IMRs and Ln MMRs using different de-trending strategies

	HP-filter	8-knot spline	9-knot spline	10-knot spline
Ln MMR	.4613	.4965	.5281	.4021
Ln WMMR	.6068	.6501	.7011	.5432
Ln BMMR	.6082	.6332	.7317	.5957

Figures

Fig.A1 Predicted values of overall and race-specific maternal mortality rates by presidential party before and after the Political Realignment, 1915-2007



Note: The 95% CIs of predicted values are from standard errors calculated using the delta method.

References

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