

A Additional Figures

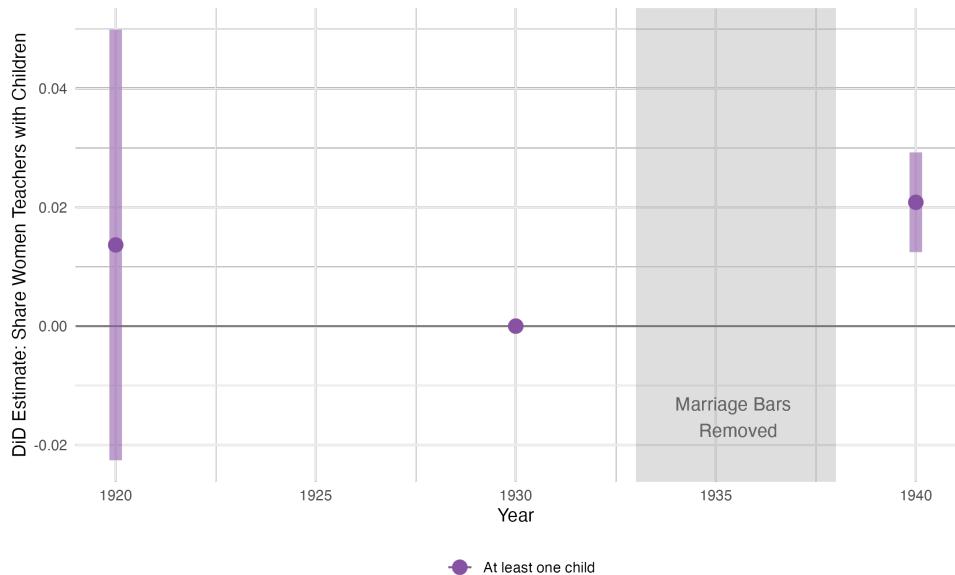


Figure A1: Results on fertility: Estimated effects of the introduction of employment protections for married women in teaching on the county shares of *white women teachers* with children.

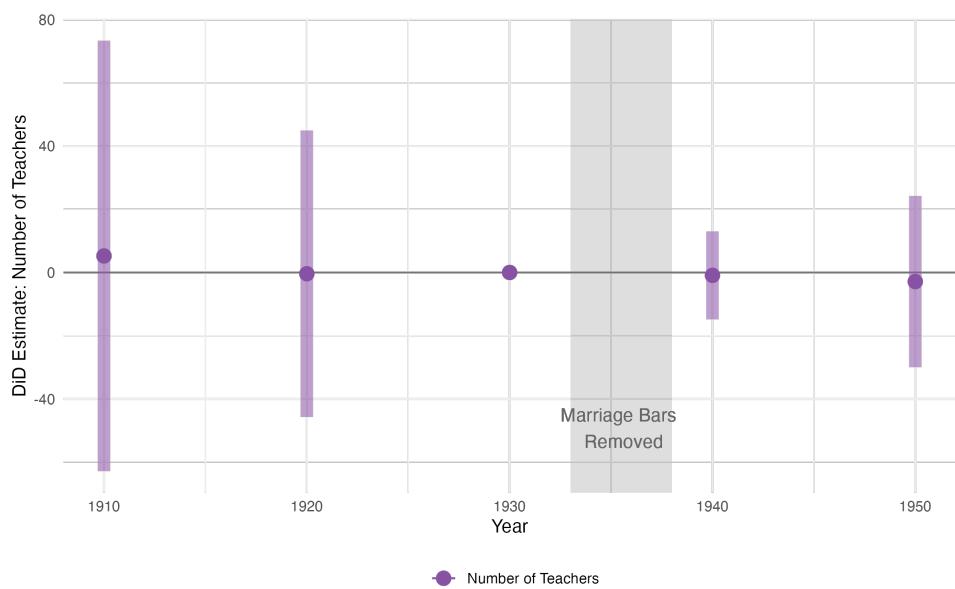


Figure A2: Estimated effects of the introduction of employment protections for married women on the total number of white teachers per county.

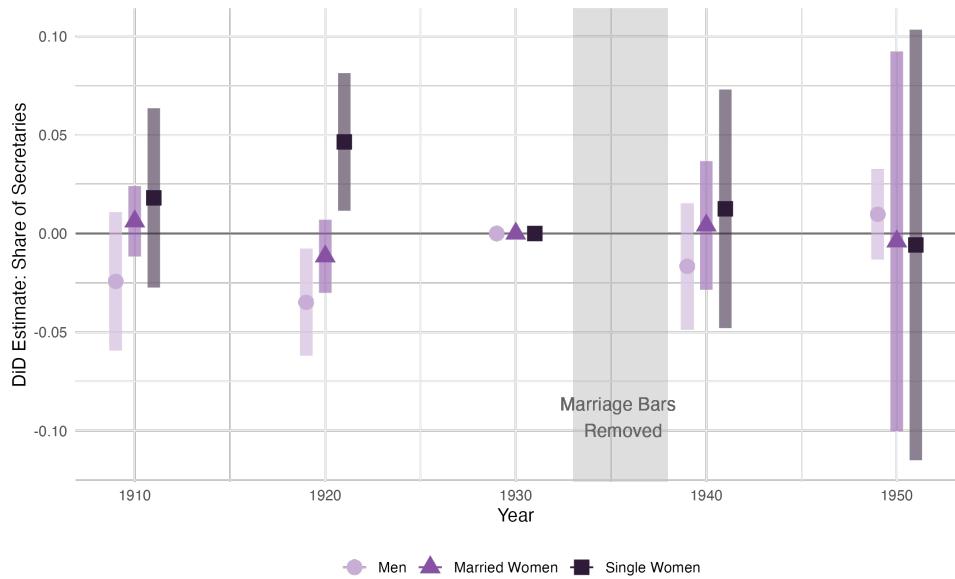


Figure A3: Placebo test: Estimated effects of the introduction of employment protections for married women in teaching on the county shares of *secretaries* who are men, unmarried women, and single women.

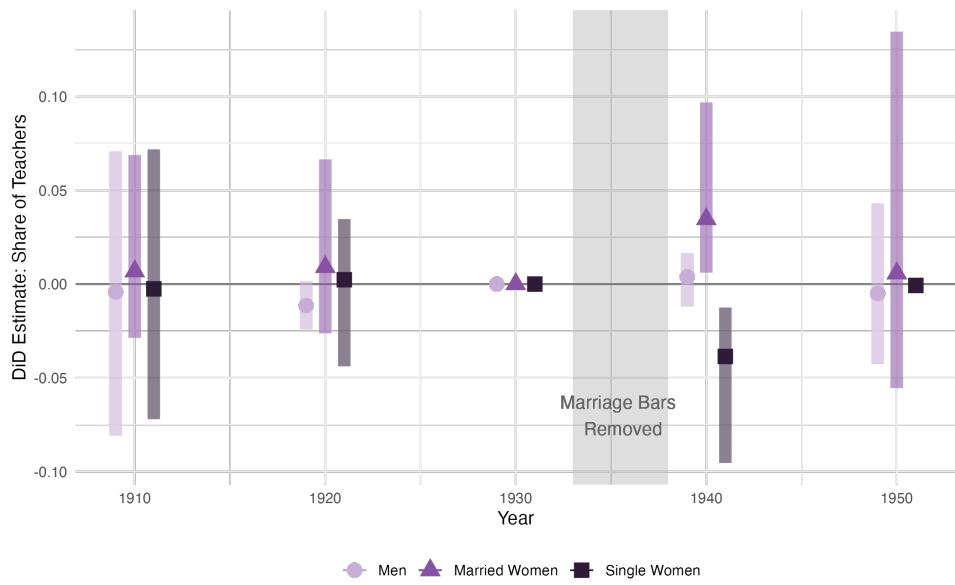


Figure A4: Main results, with state-level clustering of standard errors using wild cluster bootstrapping (Fischer and Roodman [2021]): Estimated effects of the introduction of employment protections for married women in teaching on the county shares of *teachers* who are men, unmarried women, and single women.

B Additional Tables

Table B1: Census linkage rates by year and group.

	Treated States	Control States	White Women	Black Women	Unmarried Women	Married Women	Unmarried Women	Married Women
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1910-1920 Linked Sample								
% 1910 Individuals Linked to 1920	60.9%	56.3%	61.0%	30.6%	53.9%	62.8%	47.9%	59.8%
Number of 1910 Individuals (Thous.)	4,500.8	6,988.0	39,530.1	5,018.5	27,002.2	17,689.2	415.4	24.6
1920-1930 Linked Sample								
% 1920 Individuals Linked to 1930	62.2%	57.4%	62.0%	32.1%	53.9%	65.8%	47.8%	66.4%
Number of 1920 Individuals (Thous.)	4,978.4	7,798.1	46,387.0	5,276.4	30,334.6	21,490.5	538.3	58.3
1930-1940 Linked Sample								
% 1930 Individuals Linked to 1940	62.8%	59.4%	62.5%	35.3%	53.0%	68.5%	45.6%	71.4%
Number of 1930 Individuals (Thous.)	5,784.9	8,510.2	54,423.5	6,035.6	34,453.1	26,242.3	679.0	150.5

Notes: Linkage rates are computed as the share of a given population in the base year (e.g. 1910) that are successfully linked to the following census (e.g. 1920). Groups (e.g. marital status) are based on base year characteristics. Treated states are NC and KY. We use Census Tree linkages from 1910-1920, 1920-1930, and 1930-1940 [Price et al., 2023a,b,c].

Table B2: Summary statistics on retail sales per capita during the Great Depression, by treated status

	1929 Retail Sales per cap (1967 USD)	1929-33 RS per cap growth (%)	1933-39 RS per cap growth (%)	1939 RS per cap (1967 USD)
	(1)	(2)	(3)	(4)
Treated Counties				
Kentucky	441.8	-41.2	41.5	443.0
North Carolina	406.9	-35.8	41.6	431.1
Treated Average	422.7	-38.4	41.5	436.4
Neighboring Southern Control Counties				
South Carolina	339.7	-23.5	45.6	423.9
Tennessee	485.2	-43.4	47.5	505.3
Virginia	488.8	-28.0	43.3	569.3
West Virginia	510.0	-36.7	37.8	515.3
Control Average	461.5	-34.0	43.8	509.1

Notes: Data source: [Fishback et al. \[2005\]](#).

Table B3: Heterogeneity in estimated effects of prohibitions on becoming a married woman teacher

Dependent Variable: Model:	Pr(Married Teacher in t)								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Variables</i>									
Treated $\times 1940$ (γ_{1940}^{DD})	0.0350*** (0.0073)	0.0347*** (0.0066)	0.0240*** (0.0079)	0.0313*** (0.0064)	0.0375*** (0.0075)	0.0388*** (0.0072)	0.0346*** (0.0072)	0.0405*** (0.0077)	0.0397*** (0.0068)
Treated $\times 1940 \times Nonwhite$						-0.0332** (0.0129)		-0.0426** (0.0171)	
Treated $\times 1940 \times Urban$						-0.0107 (0.0112)	-0.0023 (0.0121)	-0.0107 (0.0121)	
Treated $\times 1940 \times Nonwhite \times Urban$						0.0306 (0.0232)	0.0306 (0.0232)	0.0306 (0.0232)	
Treated $\times 1940 \times (Age - 30)$						-0.0025*** (0.0005)			

Notes: Estimation of Equation (2) for the sample of all teachers in our balanced sample of counties in treated (KY, NC) and neighboring Southern control states (VA, SC, TN, WV). The outcome variable for all regressions is an indicator for whether an individual is a married woman in t . Column (1) includes all teachers with no weights or controls. Column (2) includes inverse weighting of each observation by the number of teachers in a county and year, thus replicating the county-level regression in Table 2, Column (1). All remaining columns use county-year inverse population weights for comparability with our main county-level results. Column (3) restricts the sample to the set of counties with at least ten Black teachers in 1930 and 1940 (see Section 3.3 for more details). Column (4) includes county-level controls for the share of workers in manufacturing, the share of workers in agriculture, unemployment rate, and log population. Note that the sample size is smaller because full-count Census data on employment status was only available in 1930 and 1940. Column (5) excludes counties in the Tennessee Valley Authority (see Section 4.3 for further discussion). Columns (6) and (7) include indicator for whether a teacher is non-white (*Nonwhite*) and whether a teacher lives in an urban area (*Urban*) respectively as additional interaction terms. Column (8) includes *Nonwhite*, *Urban*, and the interaction between the two as additional interaction terms. Column (9) includes an individual's age relative to 30 (the mean age for teachers in treated counties in 1930) as an additional interaction term. All regressions include county and year fixed effects and use 1910-1950 full-count cross-sectional decennial Census data unless otherwise stated [Ruggles et al., 2024]. Standard errors are clustered at the county level.

Table B4: Estimated effects of the prohibitions on women's propensity to get married and to teach, work outside of teaching, and exit the labor force.

Dependent Variable:	Pr(Married in t)	Pr(Married Teacher in t)	Pr(Married Non-Teacher in LF in t)	Pr(Married Not in LF in t)
	(1)	(2)	(3)	(4)
Sample 4: Women who were married and working as non-teachers in $t - 10$				
Treated \times 1940 (γ_{1940}^{DD})	-0.0015 (0.0059)	0.0002 (0.0006)	0.0188 (0.0148)	-0.0206 (0.0167)
Dep. Var. 1930 Treated Mean	0.8779	0.0032	0.2078	0.6669
Observations	248,533	248,533	248,533	248,533
Adjusted R ²	0.00884	0.00169	0.09781	0.09126
Sample 5: Women who were unmarried and working as non-teachers in $t - 10$				
Treated \times 1940 (γ_{1940}^{DD})	0.0016 (0.0046)	0.0003 (0.0004)	0.0141* (0.0072)	-0.0128* (0.0076)
Dep. Var. 1930 Treated Mean	0.5132	0.0021	0.0824	0.4287
Observations	320,304	320,304	320,304	320,304
Adjusted R ²	0.02767	0.00138	0.03114	0.04580

Notes: Sample 4 contains linked women who were aged 18-50, white, married and in the labor force but not working as teachers in 1920 and 1930. Sample 5 contains linked women who were aged 8-40, white, unmarried and in the labor force but not working as teachers in 1920 and 1930. See notes of Table 3 for further details on sample construction and estimation.

Table B5: Estimated effects of marriage bar prohibitions on fertility, occupational scores, and mobility

Dependent Variable:	Has child in t					Moves state in t
	(1)	(2)	(3)	(4)	(5)	
Model:						
Treated \times 1940	-0.0208 (0.0135)	0.7275* (0.4080)	-0.0949 (0.2835)	0.0401*** (0.0093)	0.0593*** (0.0118)	
Treated \times 1940 \times Married in t			1.520*** (0.4299)		-0.0430*** (0.0131)	
Dep. Var.	1930 Treated Mean	0.4819	10.39	10.39	0.1421	0.1421
County fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	59,542	59,542	59,542	59,542	59,542	59,542
Adjusted R ²	0.05953	0.09277	0.46260	0.01673	0.04023	

Notes: All columns show results from estimating Equation (2) for women in linked Sample 1, defined in the notes of Table 3. The outcome in Column (1) is an indicator for whether the woman has child in year t . The outcome in Column (2) is the woman's occupational score in year t . We include women who are unemployed, for whom their occupational score is 0. The outcome in Column (4) is an indicator for whether the woman lives in a different state in year t compared to year $t - 10$. Columns (3) and (5) add to the previous column an interaction term for whether the woman is married in year t . Standard errors are clustered at the county level. All specifications include county fixed effects.

Table B6: Estimated effects of the prohibitions on women's propensity to get married and to teach, work outside of teaching, and exit the labor force.

Dependent Variable:	Pr(Married Non-Teacher in LF in t)				
Model:	(1)	(2)	(3)	(4)	(5)
Sample 2: Women who were married and not in the labor force in $t - 10$					
Treated \times 1940	0.0065*	0.0028	0.0071**	0.0049	0.0050
	(0.0035)	(0.0029)	(0.0033)	(0.0032)	(0.0039)
Observations	3,125,563	3,125,563	3,110,334	2,279,708	2,332,161
Adjusted R ²	0.01488	0.01335	0.01503	0.01701	0.01605
Sample 3: Women who were unmarried and not in the labor force in $t - 10$					
Treated \times 1940	0.0044**	0.0019	0.0045**	0.0031*	0.0040
	(0.0021)	(0.0017)	(0.0021)	(0.0019)	(0.0024)
Observations	2,217,852	2,217,852	2,209,789	1,511,858	1,688,568
Adjusted R ²	0.01319	0.01072	0.01332	0.01388	0.01425
					0.01326

Notes: Each column shows estimates from Equation (1) on samples defined in the notes of Table 3. Column (1) shows the unweighted estimates, replicating the main result in Table 3, Column (3). Column (2) includes inverse weighting of each observation by the number of observations in a county and year, imitating a county-level regression. Column (3) includes controls for industry share and population. Column (4) adds controls for county-level unemployment; note that the sample is smaller because the variable on employment status is not available in the 1920 Census. Column (5) excludes counties that were affected by the Tennessee Valley Authority (TVA). Column (6) includes only border counties, defined in Supplemental Appendix C.

Table B7: Estimated effects of the prohibitions on women's propensity to remain unmarried and to teach, work outside of teaching, and exit the labor force.

Dependent Variable:	Pr(Unmarried in t)	Pr(Unmarried Teacher in t)	Pr(Unmarried Non-Teacher in LF in t)	Pr(Unmarried Not in LF in t)
	(1)	(2)	(3)	(4)
Sample 3: Women who were unmarried and not in the labor force in $t - 10$				
Treated \times 1940 (γ_{1940}^{DD})	-0.006 (0.004)	-0.003 (0.001)	-0.006 (0.004)	0.002* (0.005)
Dep. Var. 1930 Mean	0.390	0.030	0.125	0.235
Observations	1,527	1,527	1,527	1,527
Adjusted R ²	0.468	0.076	0.592	0.388
Sample 5: Women who were unmarried and working as non-teachers in $t - 10$				
Treated \times 1940 (γ_{1940}^{DD})	0.007** (0.003)	0.001 (0.001)	-0.003 (0.003)	0.009** (0.004)
Dep. Var. 1930 Mean	0.4716	0.03327	0.1402	0.2981
Observations	1,584	1,584	1,584	1,584
Adjusted R ²	0.848	0.620	0.895	0.576

Notes: See notes for Tables 3 and Supplemental Appendix B6.

C Matched and Border Counties Designs

As discussed in Sections 3.3 and 5.4, our preferred specification relies on the assumption that in the absence of the laws passed in North Carolina and Kentucky, the composition of the teaching workforce would have evolved similarly in the treated states and neighboring southern states of South Carolina, Tennessee, Virginia, and West Virginia. To test whether our results are robust to alternative specifications, we employ two alternate empirical designs. The first is a border county design which narrows the sample of counties to treatment and control counties that are geographically adjacent and therefore more likely to be similar and satisfy the parallel trends assumption. The second is a matched counties design which uses data on counties across the country and does not rely on the assumption that geographically close counties are similar.

C.1 Border Counties Design

The reasoning underlying the border counties design is that counties in different states that border each other are highly likely to have followed similar historical trends, such that the only difference between counties on opposite sides of a border is their exposure to their states' state-wide prohibitions. Following this logic, we construct our alternate border county samples as follows. For our sample of treated border counties, we select all counties in treated states that border some other (non-treated) state. For our sample of control border counties, we select all counties in neighboring (non-treated) states that border a treated state.¹ Panel (b) of Figure C1 highlights the resulting samples of bordering counties.

C.2 Matched Counties Design

We match treatment and control counties using both the 1930 level and change between 1920 and 1930 of an extensive set of county-level variables, including demographics, urbanization, literacy rate, and workforce composition both for teachers and overall, all obtained from the full-count census [Ruggles et al., 2024]. We also include 1929 retail sales per capita and the

¹Note that for our border counties design, unlike our preferred specification, we do not require control counties to be in a Southern state.

Figure C1: Maps of treated (pink) and control (green) counties for (a) our preferred control specification of neighboring Southern counties, (b) our border county specification and (c)-(e) specifications using a range of matching techniques.



growth in retail sales per capita from 1929 to 1934 and from 1934 to 1939, as obtained from Fishback et al. [2005].²

To match counties we use three different methods, all utilizing the MatchIt package in R [Ho et al., 2011]. The first matched sample is constructed by nearest neighbor matching using Mahalanobis distance; the second using genetic matching as developed by Diamond and Sekhon [2013] and Sekhon [2011]; the third using optimal full matching as developed by Hansen [2004]. The first two methods are 1:1 matching methods, which produce the same number of control counties as treatment counties. The third method, optimal full matching, uses all counties and assigns weights to control counties based on their similarity to treatment counties.

Figure C1 compares the control counties selected by the various matching methods to the neighboring southern states in our preferred specification. Matched samples 1 and 2 are geographically concentrated in the neighboring Southern states, reinforcing the fact that the neighboring Southern counties are indeed similar to our treated counties. Panel (d) of Figure C1 maps the weights of the control counties as determined by the optimal full matching method, which are not as closely concentrated in the neighboring states as with the other matching methods.

² Complete variable list (all at the county level): 1930 level and 1920-1930 change in population, share living in urban areas, share under age 20, share aged 20-39, share aged 40-59, share aged 60 or older, share white, share literate, share of 16-64-year-olds in the labor force, share of 16-64-year-old married women in the labor force, share of the labor force employed in manufacturing, share of the labor force employed in agriculture, share of teachers that are unmarried women, and share of teachers that are married women. 1929 level of retail sales per capita, 1929-1934 and 1934-1939 growth in retail sales per capita, and 1930 share of the labor force unemployed (all dollar amounts in 1967 USD). 1920-1930 change is calculated as $g_x = \frac{x_{1930} - x_{1920}}{x_{1920}}$, where x_t represents the value of the relevant variable x in year t , except for 1920-1930 change in share living in urban areas and share of teachers that are unmarried/married women, which are calculated as $g_x = \frac{x_{1930} - x_{1920}}{x_{1920} + 0.01}$ to avoid division by zero.

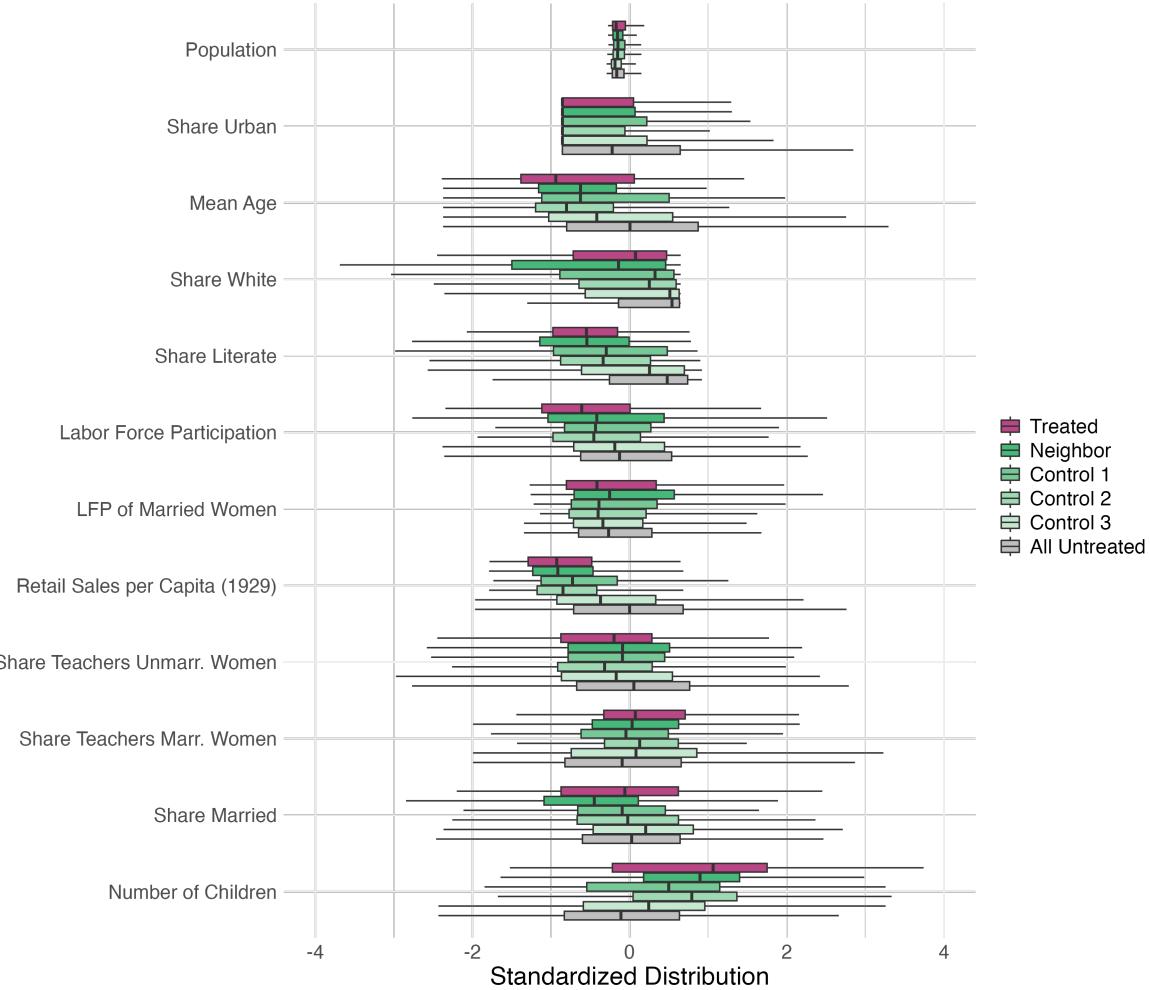


Figure C2: Boxplot of standardized 1930 values of various covariates by treatment or control group. The center bar represents the median, the edges of the box represent the 25th and 75th percentiles, and the edges of the whiskers represent extrema, with outliers removed (see R function `geom_boxplot` for further details). Distributions are weighted for control group 3. Covariates are outlined in detail in Footnote 2, and also include the share of women over the age of 18 that are married, and the average number of children for married women. All data is obtained from [Ruggles et al. \[2024\]](#) with the exception of 1929 Retail Sales per Capita, which is obtained from [Fishback et al. \[2005\]](#).

In Figure C2, we graph boxplots for the treated and various control groups of the standardized 1930 values of some of the matching covariates listed in Footnote 2, as well as two additional variables not used for matching (share of women married and average number of children for married women). Motivating the need to identify an appropriate control group for KY and NC, the boxplots show that the average untreated county is quite distinct from

the treated counties. Importantly, the neighboring Southern counties are very similar to the treated counties, and on some dimensions (e.g. share of teachers married women, number of children) even outperform the matched county groups in terms of similarity. While the first and second control groups are very similar in distribution to the treatment counties across nearly all covariates, the third control group is much less similar.

C.3 Results

We re-estimate our key analyses using the border county and three matched samples and present the results in Figure C3 and Table C1.

For the border counties and for matched samples 1 and 2, in panels (a) and (b) of Figure C3, our estimated coefficients in 1940 are consistent with our main results—the marriage bar prohibitions caused an increase in the share of married women teachers, at the expense of a decrease in the share of unmarried women teachers, with no change in the share of men in teaching—and significant at the 99% level. Matched sample 3, in panel (d), shows similar results, but suggests a decrease in the share of men in teaching and no convergence by 1950. The slight difference in results for matched sample 3 is consistent with the fact that, as shown in Figure C2, the control group for matched sample 3 is also the least comparable out of all the alternate control groups to the treatment group.

Similarly to our main results, we find no significant evidence of pre-trends in the share of married women, unmarried women, or men teachers prior to 1930 under any of the alternate control groups.

Table C1 uses our linked data to replicate some of our findings on the mechanisms driving this increase in married women’s participation in teaching for our alternate control groups. In particular, for matched samples 1 and 2 (shown in Columns (3) and (4)) our point estimates are nearly identical to our main results (replicated in Column (1)), suggesting that the increase in married women teachers was driven by both incumbent unmarried teachers (Panel 1) and women entering the labor force to become teachers (Panels 2 and 3). Matched sample 3 (Column (5)) suggests similar patterns but with larger point estimates. When restricting our sample to only border counties (Column (2)), however, while the point estimates of the effect of marriage bar prohibitions on the propensity of married and unmarried women

who were previously not in the labor force (Panels 2 and 3) to get/remain married and become teachers remain similar, the effect of marriage bar prohibitions on the propensity of incumbent unmarried teachers to become married teachers shrinks and while still positive, is no longer statistically significant. This suggests that when focusing only on border counties, the extensive margin channel (of women entering teaching from outside the labor force) was a more important mechanism.

Together, we take this as suggestive evidence that although the marriage bar prohibitions affected the gender composition of teachers in *all* treated states, the mechanisms by which married women entered teaching differed by region.

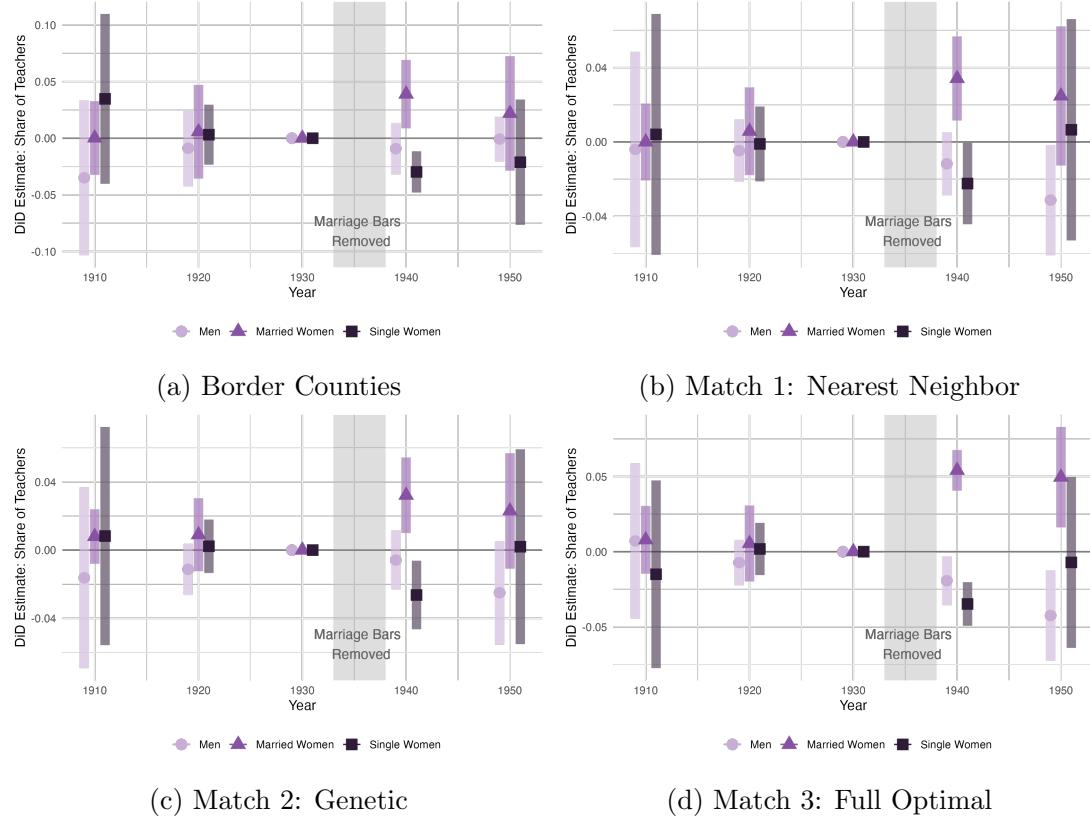


Figure C3: Estimated effects of the prohibition of marriage bars in teaching on the gender composition of teachers, at the county level. Estimates are from a difference-in-differences specification where the dependent variable is the share of teachers in a county that are married women, unmarried women, and men. The sample for (a) includes border counties in KY, NC and adjacent states while the sample for (b)-(d) includes all counties in KY and NC and matched control counties, as determined by various methods. Standard errors are clustered at the county level. 95% confidence intervals are shown.

Table C1: Estimated effects of the prohibitions on individual women's propensity be married teachers ten years later.

Group:	Dependent Variable: P(Married Teacher in t)				
	Neighboring (Preferred Spec.)	Border Counties	Match 1: Nearest Neighbor	Match 2: Genetic	Match 3: Full Optimal
	(1)	(2)	(3)	(4)	(5)
Sample 1: Women who were unmarried and teaching in $t - 10$					
Treated \times 1940 (γ_{1940}^{DD})	0.0217*** (0.0058)	0.0131 (0.0108)	0.0235*** (0.0060)	0.0213*** (0.0065)	0.0328*** (0.0046)
Dep. Var. 1930 Treated Mean	0.0453	0.0427	0.0450	0.0450	0.0450
Observations	59,542	21,768	62,189	50,638	638,701
Adjusted R ²	0.01861	0.02026	0.01730	0.01472	0.02099
Sample 2: Women who were married and not in the labor force in $t - 10$					
Treated \times 1940 (γ_{1940}^{DD})	0.0006*** (0.0002)	0.0007*** (0.0002)	0.0004*** (0.0002)	0.0004** (0.0002)	0.0008*** (0.0001)
Dep. Var. 1930 Treated Mean	0.0018	0.0013	0.0018	0.0018	0.0018
Observations	3,125,563	1,290,191	3,230,034	2,758,664	30,967,491
Adjusted R ²	0.00058	0.00060	0.00046	0.00044	0.00096
Sample 3: Women who were unmarried and not in the labor force in $t - 10$					
Treated \times 1940 (γ_{1940}^{DD})	0.0013*** (0.0003)	0.0017*** (0.0004)	0.0014*** (0.0003)	0.0013*** (0.0003)	0.0020*** (0.0003)
Dep. Var. 1930 Treated Mean	0.0044	0.0040	0.0044	0.0044	0.0044
Observations	2,217,852	858,646	2,146,650	1,902,592	17,910,354
Adjusted R ²	0.00093	0.00120	0.00103	0.00082	0.00163

Notes: Estimation follows Equation (2). For all regressions, the outcome variable is an indicator for whether an individual is both married and a teacher in year t . Column (1) uses individuals in neighboring Southern states as the control group (our preferred specification) and is identical to Column (2) in Table 3. The sample for Column (2) includes border counties in KY/NC and adjacent states, while the samples for Columns (3)-(5) include all counties in KY/NC and matched control counties, as determined by various methods. All regressions included county fixed effects and are clustered at the county level. See Table notes for Table 3 and Section 3 for further details and full citations for data.

D State-Level Synthetic Difference-in-Differences

As discussed in Section 4, our preferred specification involves analysis at the county level as there is reason to believe that counties with different initial norms and policies surrounding married women teachers may have responded heterogeneously to the uniform ‘treatment’ of the state-level marriage bar prohibitions. That said, given that the treatment of interest was implemented at the state level, in this section we conduct an alternate state-level analysis to confirm that our results are not driven by our choice of the unit of analysis.

D.1 Empirical Strategy

At the state level, we have only two treated units—Kentucky and North Carolina—which motivates our decision to use a synthetic difference-in-differences empirical strategy. We follow [Arkhangelsky et al. \[2021\]](#) in our implementation of synthetic difference-in-differences by finding both unit weights $\hat{\omega}^{sdid}$ that balance pre-treatment trends in our outcome variables for treated and control units as well as time weights $\hat{\lambda}^{sdid}$ that balance trends in control unit outcomes in the pre-treatment and post-treatment periods.³ We then use the computed weights to solve the following problem:

$$\left(\hat{\gamma}^{sdid}, \hat{\alpha}, \hat{\beta}\right) = \arg \min_{\gamma, \alpha, \beta} \left\{ \sum_{i=1}^N \sum_{t=1}^T (y_{st} - \alpha_t^{sdid} - \beta_s^{sdid} - \gamma_{1940}^{sdid} \times Treat_s \times Year_{t=1940})^2 \hat{\omega}_i^{sdid} \hat{\lambda}_t^{sdid} \right\}, \quad (1)$$

which boils down to estimating a weighted two-way fixed effects regression to obtain an estimate of our coefficient of interest γ_{1940}^{sdid} , the effect of the prohibition of marriage bars on state-level outcome y_{st} in treated relative to control states. We define our state-level outcomes analogously to the county-level outcomes described in Section 4.2.

D.2 Estimation and Results

We begin by computing the unit and time weights. State weights $\hat{\omega}^{sdid}$ as computed for our main outcome variable (the share of women in state s who are married women) are shown

³Because it is unclear which units are treated in 1950, all estimation in this section uses only data from 1910-1940.

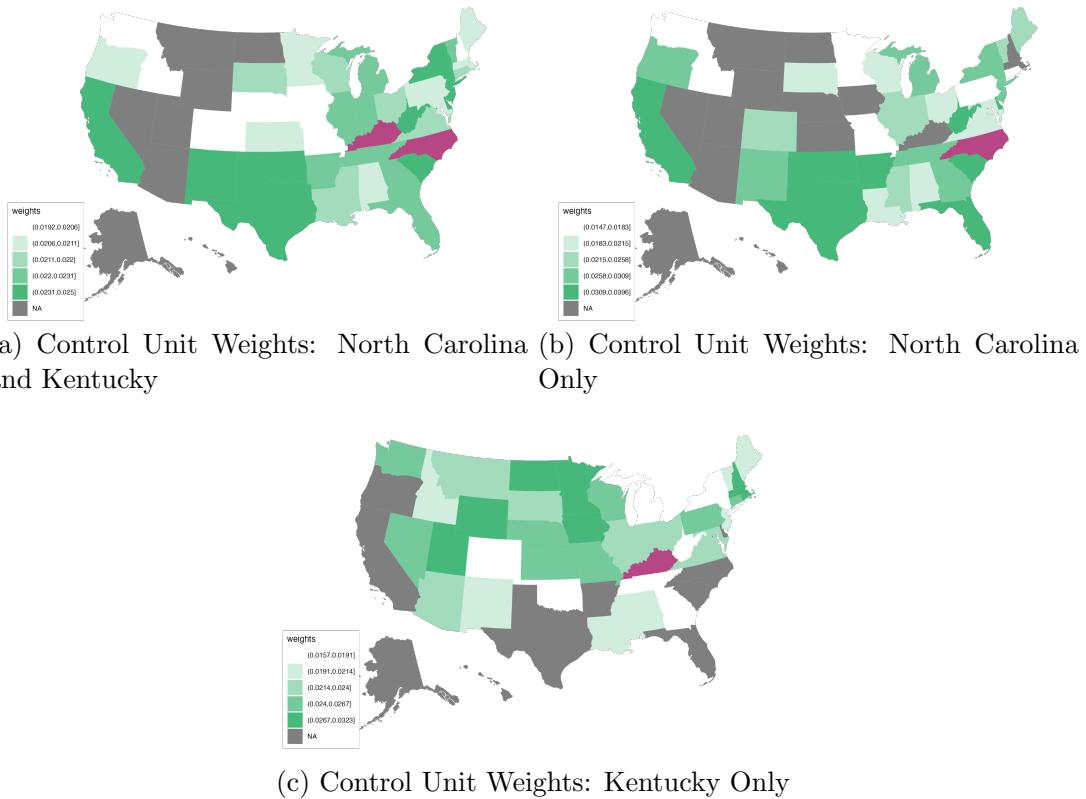
in Panel (a) of Figure D1. Computed time weights for all analyses are 1 for 1930 and 0 for other pre-period years, simplifying our setup to a two-period setting.

First, we use the synthetic DiD setup to estimate the state-level effect of the marriage bar prohibitions on the composition of the teacher workforce. Figure D2 plots estimates of γ_{1940}^{sdid} for the share of teachers who were married women (triangles), men (circles), and unmarried women (squares) respectively. The first two groups of estimates juxtapose the results our preferred specification (at the county level with county-level clustered standard errors) with the state-level synthetic DiD estimates. Standard errors are computed using a permutation approach ('placebo' option in R). The point estimates are very similar between the county and state-level analyses, and our primary finding that the share of married women teachers increased in treated relative to control states remains significant at the 95% confidence level despite widened confidence intervals.

An additional benefit of using the synthetic DiD approach is that it also allows us to perform analysis with only one treated unit. As such, we estimate the effects of the prohibitions on married women teachers in North Carolina and Kentucky separately. Panels (b) and (c) of Figure D2 map control unit weights for NC and KY individually, and we see that much of the control unit weighting in the joint analysis is driven by North Carolina. Nevertheless, the third and fourth groups of estimates in Figure D2 show that, while noisier, the point estimates for the effects of the marriage bar prohibitions on NC and KY are remarkably similar to the overall effects, suggesting that results are not being driven by one state alone.

Finally, we replicate our results on mechanisms using the state-level synthetic DiD and linked data aggregated to the state level. Table D1 replicates Table 3 from the body of the paper, presenting synthetic DiD estimates and standard errors computed using the placebo method. Note that this *not* an individual level regression and therefore not directly comparable to Table 3 since it is weighted to match pre-trends rather than by population. Results are qualitatively similar to our preferred estimates. We therefore conclude that our main results are not sensitive to the chosen unit of analysis.

Figure D1: Maps of treated (pink) and control (green) states shaded by unit weights computed in our synthetic difference-in-differences empirical strategy (computed to match pre-trends between control and treatment states for outcome variable share teachers married women). Panel (a) uses both Kentucky and North Carolina as treated units, panel (b) uses only North Carolina as a treated unit, and panel (c) uses only Kentucky as a treated unit.



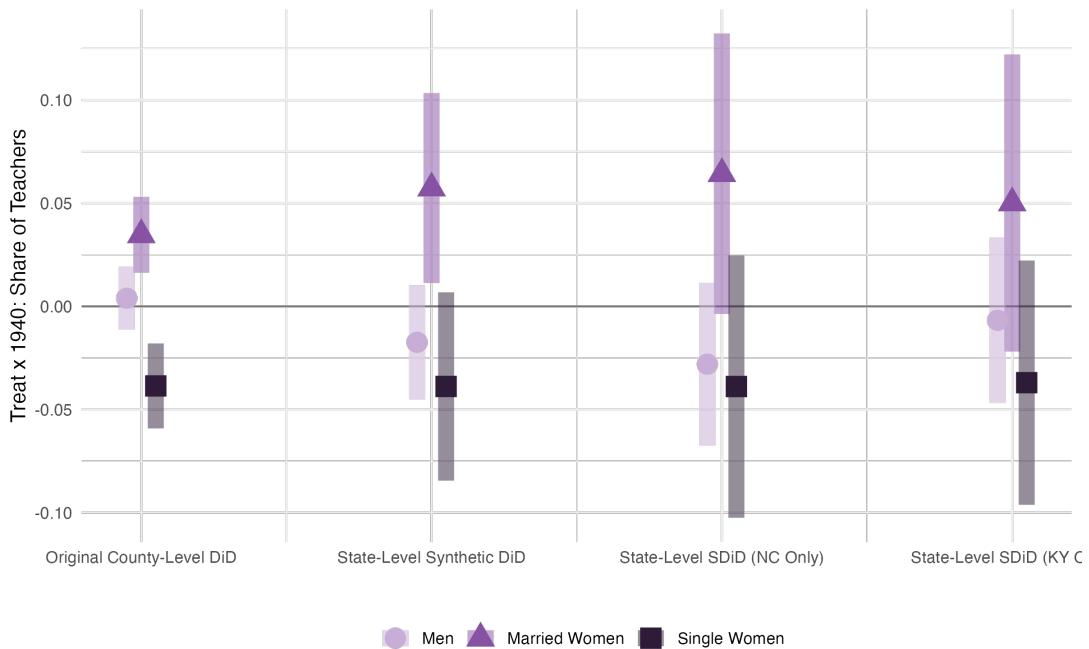


Figure D2: Estimates of the effect of the prohibition of marriage bars in teaching on the gender composition of teachers. The first column uses the standard difference-in-differences setup from our main specification at the county level, with standard errors clustered at the county level. The other columns use state-level synthetic difference-in-differences, with standard errors computed using a ‘placebo’ method. The second column includes both KY and NC as treated units, while the third and fourth only include NC and KY respectively. 95% confidence intervals are shown.

Table D1: State-Level Synthetic DiD: Estimated effects of the prohibitions on women's propensity to get married and either teach, work outside of teaching, and exit the labor force.

Dependent Variable:	Pr(Married in t)	Pr(Married Teacher in t)	Pr(Married Non-Teacher in LF in t)	Pr(Married Not in LF in t)
	(1)	(2)	(3)	(4)
Sample 1: Women who were unmarried and teaching in $t - 10$				
Treated \times 1940 (γ_{1940}^{DD})	-0.033 (0.035)	0.036*** (0.013)	-0.003 (0.006)	-0.082** (0.038)
Dep. Var. 1930 Mean	0.5857	0.0452	0.0350	0.5056
Sample 2: Women who were married and not in the labor force in $t - 10$				
Treated \times 1940 (γ_{1940}^{DD})	-0.003 (0.002)	0.0007 (0.0005)	0.009 (0.009)	-0.013 (0.009)
Dep. Var. 1930 Mean	0.9328	0.0018	0.0549	0.8761
Sample 3: Women who were unmarried and not in the labor force in $t - 10$				
Treated \times 1940 (γ_{1940}^{DD})	-0.024 (0.017)	0.002** (0.0008)	0.011*** (0.004)	-0.038* (0.021)
Dep. Var. 1930 Mean	0.5072	0.0044	0.0437	0.4590

Notes: Estimation follows Equation (1). Construction of these state-level linked samples follows the construction of individual-level linked samples, but aggregated to the state level and weighted according to the procedure outlined above. Sample 1 contains linked women who were under 40, unmarried, and teaching in 1910, 1920, and 1930, Sample 2 contains linked women who were aged 18-50, married, and not in the labor force in 1910, 1920, and 1930, and Sample 3 contains linked women who were aged 8-40, unmarried, and not in the labor force in 1910, 1920, and 1930. All regressions use the 1910-1920, 1920-1930, and 1930-1940 linked full-count Census samples. Standard errors are computed using a 'placebo' method. See Section 3 for details and full citations for data.

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