

The Increase in Partisan Segregation in the U.S. and its causes

Brown¹ Cantoni² Enos³ Pons⁴ Sartre⁵

Harvard¹ University of Bologna² Harvard³ Harvard⁴ Brown⁵.

EEA-ESEM Congress 2022

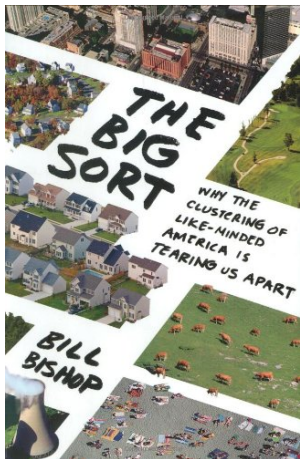
August 22, 2022

Motivation

2020 U.S. Presidential Election - Two Americas?



Motivation



The Big Sort, Bishop 2008

"We now live in a *giant feedback loop*, hearing our own thoughts about what's right and wrong bounced back to us by the *television shows* we watch, the *newspapers and books* we read, the *blogs* we visit online, the *sermons* we hear, and the *neighborhoods* we live in"

Motivation

Spatial partisan segregation

- ▶ There is growing evidence that the U.S. is **spatially segregated** along partisan lines. (Nall, 2015 ; Martin and Webster, 2020 ; Brown and Enos, 2021)

Motivation

Spatial partisan segregation

- ▶ There is growing evidence that the U.S. is spatially segregated along partisan lines. (Nall, 2015; Martin and Webster, 2020; Brown and Enos, 2021)
- ▶ However, there is still [an ongoing debate on the trend](#).
 - ◇ Some find a lack of evidence for increasing spatial partisan segregation (Abrams and Fiorina, 2012; Mummolo and Nall, 2016)
 - ◇ While others argue that spatial partisan segregation has increased for a long time (Jonston and Manley, 2016; Kaplan et al., 2020)

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Spatial partisan segregation

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 - ◇ While others argue that spatial partisan segregation has increased for a long time (Jonston and Manley, 2016; Kaplan et al., 2020)
- ▶ All these previous studies rely on [aggregate data](#)
 - ◇ Modifiable areal unit problem (Openshaw, 1983)
 - ◇ Failing to capture divisions below the county level

Research questions

- ▶ Has geographic partisan segregation *actually* increased over the last decade?
- ▶ If so, what are the main factors driving this trend?

Plan

Introduction

Institutional setting and data

Rise in partisan segregation

Where partisan segregation has been rising

Explaining factors

Conclusion

Institutional setting

Partisan registration

- ▶ In every state, except North Dakota, individuals who plan **to vote** must first register ($\approx 24\%$ of the voting-age population is unregistered)
- ▶ **31 states (+ DC)** allow voters to indicate their partisan affiliation and report registration numbers publicly
- ▶ **Party voters identify** and actual vote choice are strongly correlated with the party they are registered with (e.g., Bartels 2000; Gerber et al. 2010) .

[Elections](#)[Change/Update registration](#)

Data

Partisan registration data

Vs. Electoral Data

Catalist Database

- ◇ Nationwide voterfiles, covering all the general elections btw. 2008 and 2018 (\approx 1.6 billion obs.)
- ◇ Contains around 89% of the U.S. voting-eligible population
- ◇ Contains the geocodes of each voter + individual characteristics (like age, race, gender and turnout)

Target Smart Database

- ◇ Nationwide voterfiles for each year (2012-2020)
- ◇ Contains unique identifiers and exact residential location, as well as latitude and longitude of residential location
- ◇ Precise geographic variables : state, CD, county, tract, block group and block

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Rise in Partisan Segregation

Across geographic units Stable geographic units

1. In each geographic unit, we compute $\frac{D}{D+R}$, where D (resp. R) is the # of voters affiliated with the Democratic (resp. Rep.) party.
2. We plot the distribution of $\frac{D}{D+R}$ across units, observing its **standard deviation** σ and its **kurtosis** k , year by year.

$$k = E \left[\left(\frac{X - \mu}{\sigma} \right)^4 \right]$$

3. Partisan segregation has increased **across geographic units** if the variance has increased & the distribution has flattened over time ($\uparrow \sigma$ and $\downarrow k$).

Rise in Partisan Segregation

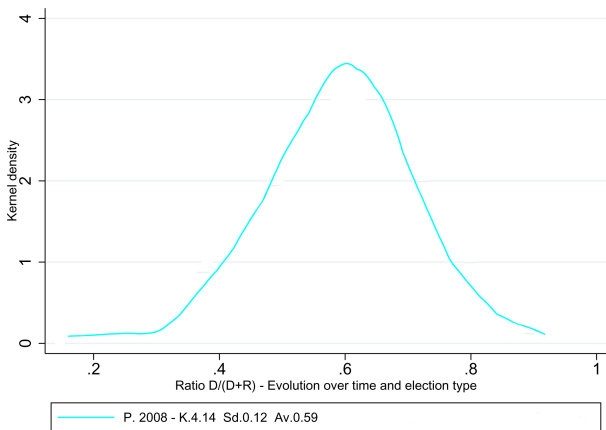


Fig. – Kernel distribution of the ratio $D/(D+R)$ at the pseudo-CD level -
Weights : Number of registered voters - *Catalist Data*

Rise in Partisan Segregation

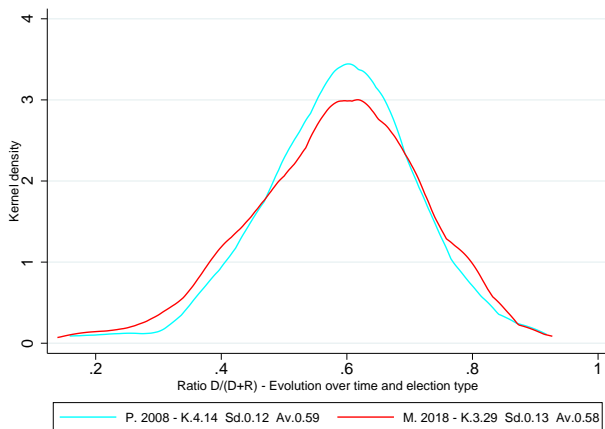


Fig. – Kernel distributions of the ratio $D/(D+R)$ at the pseudo-CD level -
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Rise in Partisan Segregation

Within geographic units

1. In each unit j , we compute the **dissimilarity index** :

$$DI_j = \frac{1}{2} \sum_{i=1}^N \left| \frac{d_i}{D_j} - \frac{r_i}{R_j} \right|$$

Where :

d_i : nb. of Democrats living in sub-unit i

D_j : nb. of Democrats living in unit j

r_i : nb. of Republicans living in sub-unit i

R_j : nb. of Republicans living in unit j

2. We plot the distribution of DI_j across units j .
3. Partisan segregation has increased **within geographic units** if the average of the dissimilarity index increases over time.

Rise in Partisan Segregation

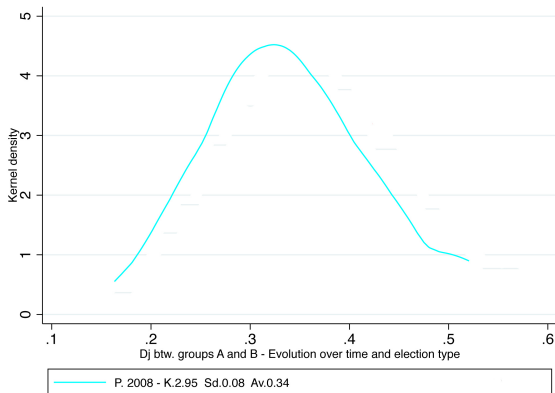


Fig. – Kernel distribution of the dissimilarity index at the pseudo-CD level using tracts as sub-units - Weights : Number of reg. voters - *Catalist Data*

Rise in Partisan Segregation

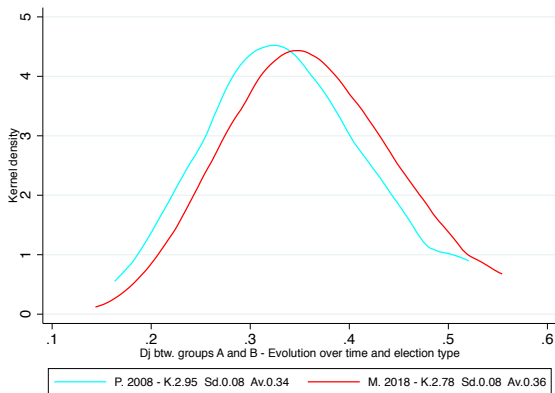


Fig. – Kernel distributions of the dissimilarity index at the pseudo-CD level using tracts as sub-units - Weights : Number of reg. voters - *Catalist Data*

Rise in Partisan Segregation

Even at finer geographic levels

- ▶ We observe a **similar** increase in partisan segregation across :
 - ◇ Counties **Catalist data**
 - ◇ Tracts **Catalist + Target Smart data**
 - ◇ Block groups **Target Smart data**
 - ◇ Blocks **Target Smart data**
- ▶ The rise in partisan segregation *within* counties is **consistent** with the rise in partisan segregation *across* finer units

Rise in Partisan Segregation

Robustness and external validity

- ▶ Partisan segregation has been **constantly rising** over the last decade, independently from electoral years ●
- ▶ We find similar trends using **electoral data** or **aggregate partisan registration data**. It confirms that :
 - ◇ The rise in partisan segregation is not limited to the 31 states for which partisan affiliation is available ●
 - ◇ Our results are not limited to 2008-2018 and are consistent with the use of aggregate data ●
- ▶ We obtain similar evidence **excluding the South of the U.S.** ●

Where?

Identify places driving the rise in partisan segregation

- ◇ We look at the rise in partisan segregation *across* counties and pseudo-cds
- ◇ We identify :

Places driving the \uparrow in partisan segregation *across* geographic units

\Leftrightarrow

$$\left\{ \begin{array}{l} \Delta \frac{D}{D+R} > Med.(\Delta \frac{D}{D+R}) \quad \& \quad (\frac{D}{D+R})_{2008} > Med.(\frac{D}{D+R})_{2008} \\ \Delta \frac{D}{D+R} < Med.(\Delta \frac{D}{D+R}) \quad \& \quad (\frac{D}{D+R})_{2008} < Med.(\frac{D}{D+R})_{2008} \end{array} \right.$$

Where?

A rural-urban divide?

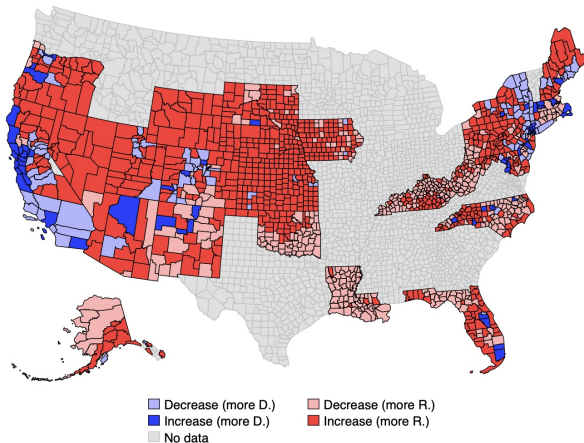


Fig. – Change in partisan homogeneity by U.S. county, using Catalist data

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Which factors explain the change of $D/(D+R)$?

1. Change in the composition of the electorate

- ▶ Generational change
- ▶ U.S. internal migration
- ▶ Adult voters "entering" the dataset as reg. (>25 y. old at first appearance)

2. Change in party affiliation

- ▶ Switch in partisan affiliation :
 - ◇ $D \rightarrow R$ or $R \rightarrow D$
 - ◇ $\text{Ind} \rightarrow R$ or $\text{Ind} \rightarrow D$ (and vice versa)
- ▶ Switch in partisan registration status :
 - ◇ $\text{Unreg.} \rightarrow D$ or $\text{Unreg.} \rightarrow R$ (and vice versa)

Decomposition of the change of $D/(D+R)$

Using the definition of partial derivatives

$$\begin{aligned} \Delta \frac{D}{(D+R)} &\approx \frac{R}{(D+R)^2} \Delta D - \frac{D}{(D+R)^2} \Delta R \\ &\approx \sum_f \left(\frac{R_{08}}{(D_{08} + R_{08})^2} \Delta D_f - \frac{D_{08}}{(D_{08} + R_{08})^2} \Delta R_f \right) \\ \Leftrightarrow 1 &\approx \frac{1}{\Delta \frac{D}{(D+R)}} \times \sum_f \left(\frac{R_{08}}{(D_{08} + R_{08})^2} \Delta D_f - \frac{D_{08}}{(D_{08} + R_{08})^2} \Delta R_f \right) \end{aligned}$$

Where $\Delta \frac{D}{(D+R)}$ is the change of $D/(D+R)$ between 2008 and 2018 in geographic unit i , ΔR_f (resp. ΔD_f) is the change in the # of Republicans (resp. Democrats) caused by factor f , and R_{08} (resp. D_{08}) is the # of Republicans (resp. Democrats) in 2008 in unit i .

Decomposition of the change of $D/(D+R)$

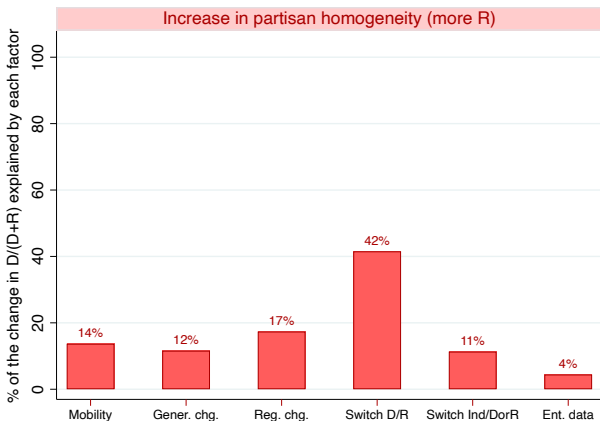


Fig. – % of $\Delta D/(D+R)$ explained by each factor in counties where partisan homogeneity has increased - Using *Catalist* data

Decomposition of the change of $D/(D+R)$

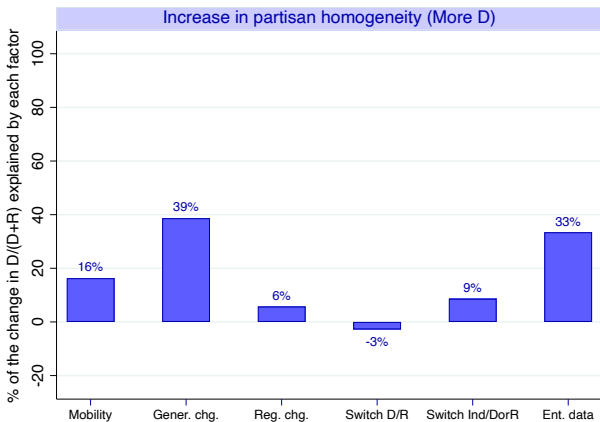


Fig. – % of $\Delta D/(D+R)$ explained by each factor in counties where partisan homogeneity has increased - Using *Catalist* data

Dec.

CD

X-↑ or X-↓

Qu. and Sh.

Conclusion

1. Over the last decade, spatial partisan segregation has **increased** over time, both **across and within** geographic units.
2. Overall, the rise in partisan segregation benefits **the Republican Party**.
- 3 We still find evidence of a **rural/urban divide**
- 4 The rise in partisan segregation can be **decomposed** into change in the composition of the electorate and change in preferences.
 - ▶ **Generational change** is the main factor driving the rise in partisan segregation in Democratic-leaning places
 - ▶ **Switch in partisan affiliation** is the main factor driving the rise in partisan segregation in Republican-leaning places

THANK YOU!

Increase in partisan segregation across tracts

Year	Mean	Kurtosis	Dem. Mean	Rep. Mean	Dem. Skew	Rep. Skew
2012	0.579	-0.775	0.650	0.487	-0.074	0.439
2013	0.582	-0.730	0.657	0.484	-0.137	0.301
2014	0.578	-0.718	0.653	0.479	-0.137	0.285
2015	0.577	-0.738	0.655	0.476	-0.142	0.302
2016	0.578	-0.755	0.654	0.475	-0.156	0.300
2017	0.578	-0.786	0.657	0.473	-0.175	0.318
2018	0.578	-0.786	0.656	0.472	-0.181	0.307
2019	0.582	-0.821	0.660	0.473	-0.211	0.320
2020	0.584	-0.824	0.661	0.474	-0.225	0.304

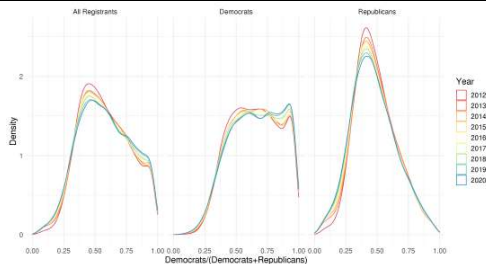


Fig. – Kernel distributions of the ratio $D/(D+R)$ at the tract level - *Target Smart Data*

Increase in partisan segregation across blocks

Year	Mean	Kurtosis	Dem. Mean	Rep. Mean	Dem. Skew	Rep. Skew
2012	0.581	-0.674	0.681	0.444	-0.293	0.065
2013	0.583	-0.700	0.686	0.443	-0.341	0.066
2014	0.579	-0.706	0.683	0.438	-0.334	0.076
2015	0.578	-0.726	0.684	0.436	-0.342	0.091
2016	0.579	-0.732	0.683	0.435	-0.352	0.096
2017	0.579	-0.754	0.686	0.433	-0.371	0.111
2018	0.580	-0.746	0.685	0.432	-0.374	0.106
2019	0.583	-0.756	0.689	0.433	-0.402	0.109
2020	0.585	-0.745	0.689	0.435	-0.411	0.097

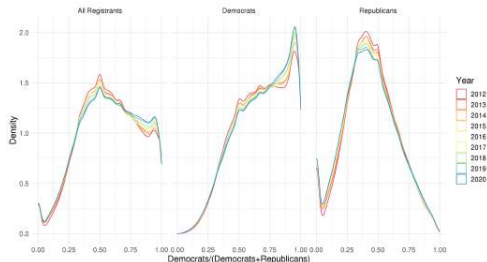


Fig. – Kernel distributions of the ratio $D/(D+R)$ at the block level - *Target Smart Data*

Using electoral data

Distribution of the dissimilarity index - Congress and Presidential elections

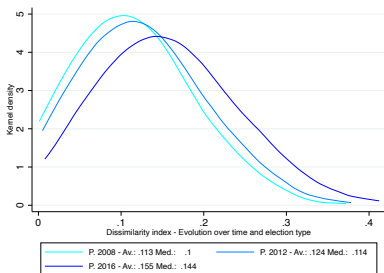
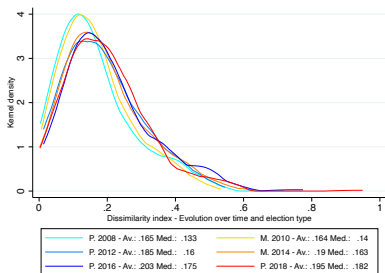


Fig. – Kernel distribution of the dissimilarity index at the pseudo-CD level - Congress elections (on the left) and Presidential elections (on the right) - *Dave Leip's Atlas*

Rise in Partisan Segregation

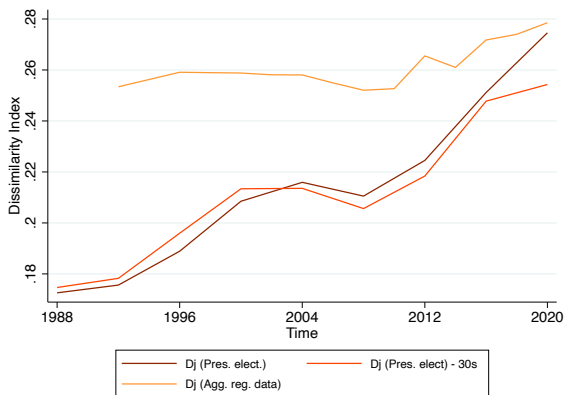


Fig. – Increase in the dissimilarity index between 1988 and 2020 using various data sources

Rise in Partisan Segregation

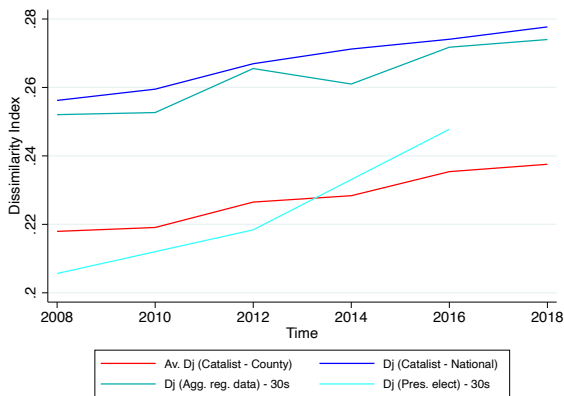


Fig. – Increase in the dissimilarity index between 2008 and 2018 using various data sources [Back](#)

Rise in Partisan Segregation

Excluding the South

- ▶ Confederate States may follow different time trends regarding partisan segregation.
- ▶ We check whether our results are **robust to the exclusion of Southern states** following two definitions :
 - ◇ The Census Definition of the South of the U.S. (Region 3) - Def. 1
 - ◇ Cascio and Washington (2014)'s definition targeting Confederate States - Def. 2

Rise in Partisan Segregation

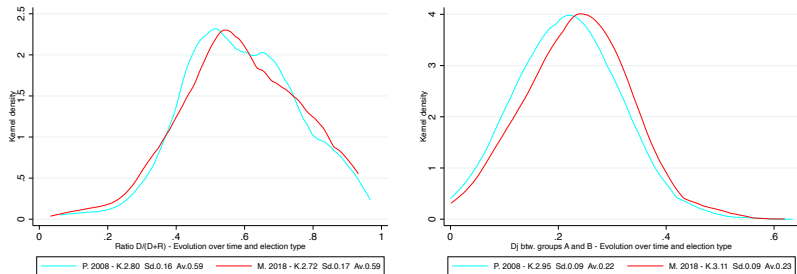


Fig. – Exclusion of the South (Def 2) : Increase in partisan segregation at the county level using the ratio $D/(D+R)$ (left) and the D_j (right) [Back](#)

Where ?

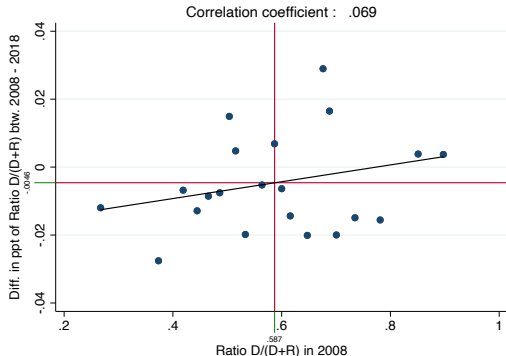


Fig. – Change in $D/(D+R)$ vs $D/(D+R)$ in 2008 at the county level -
 Weights : Number of registered voters in 2008 - Quantile-based bins -
Catalist Data

Change in $D/(D+R)$ vs $D/(D+R)$ in 2008

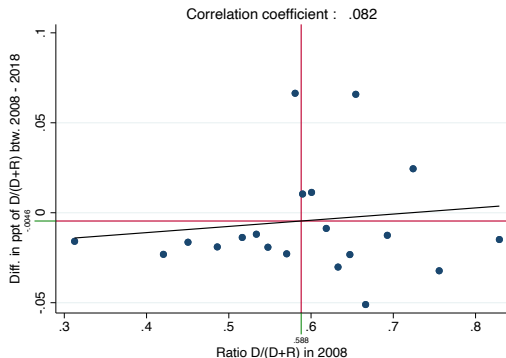


Fig. – Change in $D/(D+R)$ vs $D/(D+R)$ in 2008 at the pseudo-CD level -
 Weights : Number of registered voters in 2008- Quantile-based bins -
Catalist Data

Where ?

Variable	Obs	Mean (%)
<i>Increase in partisan homogeneity</i>	1,375	61
In favor of Republicans	1,375	56
In favor of Democrats	1,375	5
<i>Decrease in partisan homogeneity</i>	1,375	39
In favor of Republicans	1,375	31
In favor of Democrats	1,375	8

Table – Share of counties experiencing an increase vs. decrease in partisan homogeneity between 2008 and 2018 - Using *Catalist* data

Where ?

Table – T-test table - Increase vs Decrease in partisan homogeneity (counties) - Among the registered population

	(1)			(2)	
	↑ in part. homogeneity Diff	Mean	Nb. Obs	↓ in part. homogeneity Mean	Nb. Obs
<i>Among the registered population</i>					
Sh. Registered voters	0.020***	0.758	843	0.738	532
Democrats	-0.228***	0.315	843	0.543	532
Independents	0.027***	0.226	843	0.199	532
Republicans	0.201***	0.459	843	0.259	532
Aged btw. 17-27	-0.012***	0.145	843	0.157	532
Aged btw. 28-42	-0.021***	0.219	843	0.240	532
Aged btw. 43-57	0.002	0.296	843	0.293	532
Aged over 58	0.031***	0.340	843	0.309	532
Black	-0.065***	0.026	843	0.091	532
Caucasian	0.089***	0.924	843	0.836	532
Hispanic	-0.010**	0.031	843	0.041	532

Change in partisan segregation

Variable	Obs	Mean (%)
<i>Increase in partisan homogeneity</i>	135	54
In favor of Republicans	135	41
In favor of Democrats	135	13
<i>Decrease in partisan homogeneity</i>	135	46
In favor of Republicans	135	26
In favor of Democrats	135	2

Table – Share of pseudo-CDs experiencing an increase vs. decrease in partisan homogeneity between 2008 and 2018 - Using *Catalist* data

Where ?

Trend in partisan segregation across groups of voters

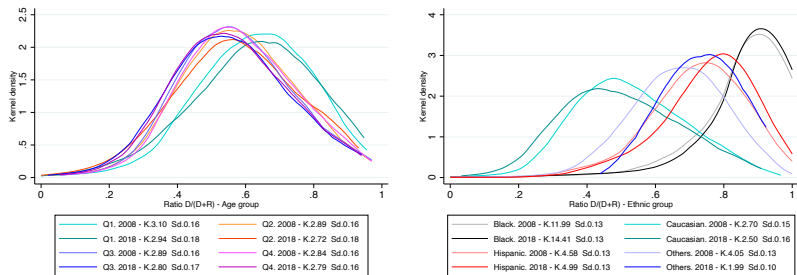


Fig. – Weighted kernel distributions of the ratio $D/(D+R)$ at the county level - Per age and ethnic groups using *Catalist* data

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Decomposition of the change of $D/(D+R)$

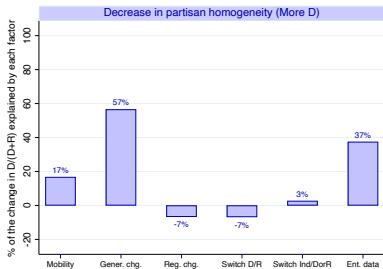
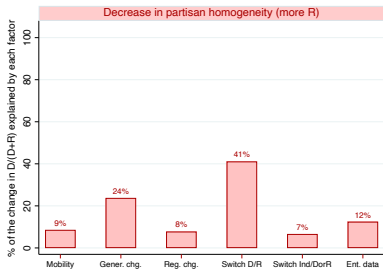


Fig. – % of $\Delta D/(D+R)$ explained by each factor in counties where partisan homogeneity has decreased - Using *Catalist* data

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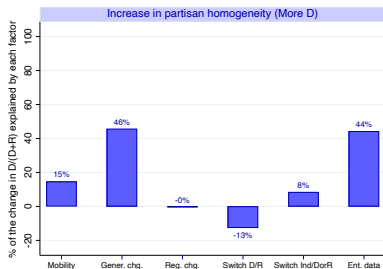
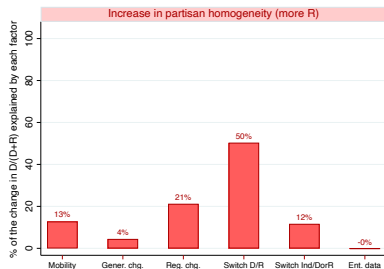


Fig. – % of $\Delta D/(D+R)$ explained by each factor in pseudo-CD where partisan homogeneity has increased - Using *Catalist* data

Decomposition of the change of $D/(D+R)$

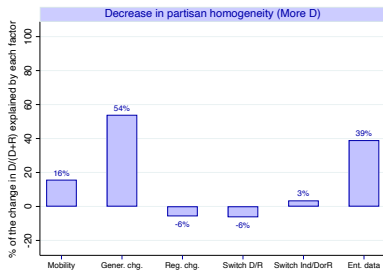
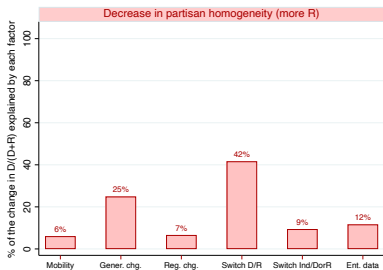


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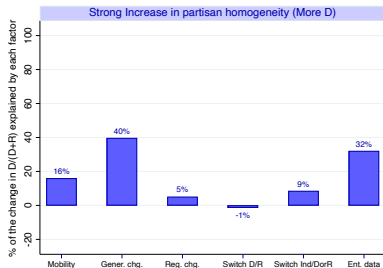
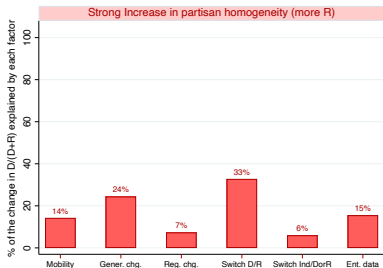


Fig. – % of $\Delta D/(D+R)$ explained by each factor in counties experiencing the largest increase in partisan homogeneity - Using *Catalist* data

Decomposition of the change of $D/(D+R)$

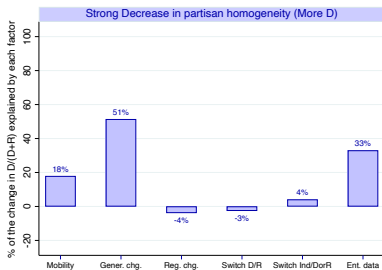
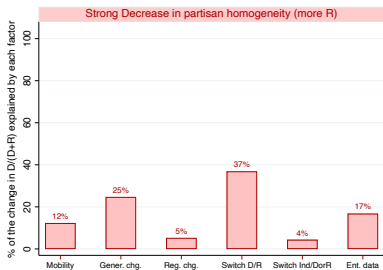


Fig. – % of $\Delta D/(D+R)$ explained by each factor in counties experiencing the largest decrease in partisan homogeneity - Using *Catalist* data

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Decomposition of the change of $D/(D+R)$

A factor may account for a large share of the change of $D/(D+R)$ if :

- ◇ A large number of voters is accounted for by this factor
- ◇ Changes are tilted towards the Republicans or the Democrats

In further decomposition, we confirm that :

- ◇ **Generational change** is the main driver in Democratic-leaning counties via a large # of young voters coming of age + a large share of Democrats among them
- ◇ **Switch in partisan affiliation** is the main driving force in Republican-leaning places, with Democrats disproportionately "becoming" Republicans

Decomposition - Inflow and Outflow

ΔD_f and ΔR_f

$$\Delta \frac{D}{(D+R)} \approx \sum_f [N_{I,f} \times \left(\frac{R_{08}}{(D_{08} + R_{08})^2} s_{I,f}^D - \frac{D_{08}}{(D_{08} + R_{08})^2} s_{I,f}^R \right) - N_{O,f} \times \left(\frac{R_{08}}{(D_{08} + R_{08})^2} s_{O,f}^D - \frac{D_{08}}{(D_{08} + R_{08})^2} s_{O,f}^R \right)]$$

- ▶ $N_{I,f}$ (resp. $N_{O,f}$) is the number of voters who were Democrats or Republicans in unit i in 2018 (resp. 2008) but not in 2008 (resp. 2018) due to factor f
- ▶ $s_{I,f}^P$ (resp. $s_{O,f}^P$) is the share of those voters who were (resp. who were not anymore) registered as P in 2018 due to factor f

⇒ Explore the correlation between the change of $D/(D+R)$ and the

deviation from the equilibrium $\frac{s_{h,f}^D}{s_{h,f}^D + s_{h,f}^R} - \frac{D_{08}}{D_{08} + R_{08}}$

Decomposition - Switches btw. D and R

$$\Delta D_f = -\Delta R_f$$

$$\Delta \frac{D_f}{D_f + R_f} = \frac{\beta R_{08} - \alpha D_{08}}{R_{08} + D_{08}}$$

- ▶ β , the share of Republicans who become Democrats, using the initial number of Republicans as denominator
- ▶ α the share of Democrats who become Republicans, using the initial number of Democrats as denominator

⇒ Explore the correlation between the change of $D/(D+R)$ and the deviation from the equilibrium $\frac{\beta}{\alpha+\beta} - \frac{D_{08}}{D_{08}+R_{08}}$

Decomposition - Inflow and Outflow

Table – Correlation coefficient between the change in $D/(D+R)$ and

$$\frac{s_f^D}{s_f^R + s_f^D} - \frac{D_{08}}{D_{08} + R_{08}} \text{ - At the county level}$$

	All counties		↑ in Homog.		↑ in Homog. (R)		↑ in Homog. (D)	
	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.
<i>Generational change</i>	.932***	-.693***	.904***	-.759***	.879***	-.564***	.829***	-.367***
U.S. Internal migration	.881***	.474***	.868***	.176***	.759***	.311***	.705***	-.105***
Change in partisan affil. btw. Ind & D/R	.905***	-.350***	.893***	-.668***	.838***	-.385***	.706***	.082***
Change in partisan reg. status	.902***	-.067***	.881***	-.511***	.789***	.084***	.778***	-.083***
Voters "entering" the dataset as reg.	.925***	-	.901***	-	.883***	-	.814***	-
<i>Change in partisan affil. btw. D & R</i>	.907***		.887***		.793***		.492***	
	N = 1,375		N = 843		N = 769		N = 74	

Decomposition - Inflow and Outflow

Table – Average number of voters registered as Democrats or Republicans per factor - At the county level

	All counties		↑ in Homog.		↑ in Homog. (R)		↑ in Homog. (D)	
	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.
Generational change	6,913 (21,780)	5,495 (13,707)	6,353 (23,308)	5,022 (13,851)	3,101 (6,708)	2,891 (5,250)	40,150 (67,257)	27,172 (37,120)
U.S. Internal migration	6,265 (14,031)	6,437 (15,780)	6,179 (13,849)	6,297 (16,748)	4,054 (8,959)	3,472 (7,062)	28,253 (28,745)	35,652 (41,871)
Change in partisan affil. btw. Ind & D/R	2317 (6,863)	2053 (7,545)	2077 (6,595)	1793 (7,814)	1117 (2,748)	881 (1,848)	12045 (17,658)	11274 (23,842)
Change in partisan reg. status	1,678 (5,353)	9,365 (29,084)	1,557 (5,712)	8,698 (28,653)	831 (1,712)	4,855 (10,320)	9,097 (16,804)	48,642 (81,092)
Voters "entering" the dataset as reg.	6,825 (23,786)	- -	6,697 (25,442)	- -	3,211 (7,131)	- -	42,917 (73,982)	- -
Change in partisan affil. btw. D & R	4,025 (10,752)		3,567 (10,444)		2,148 (4,457)		18,307 (28,421)	
	N = 1375		N = 843		N = 769		N = 74	

Decomposition - Inflow and Outflow

Table – Correlation coefficient between the change in D/(D+R) and

$\frac{s_f^D}{s_f^R + s_f^D} - \frac{D_{08}}{D_{08} + R_{08}}$ - At the pseudo-CD level

	All counties		↑ in Homog.		↑ in Homog. (R)		↑ in Homog. (D)	
	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.
Generational change	.940***	-.750***	.900***	-.779***	.906***	-.722***	.846***	-.380***
U.S. Internal migration	.887***	.503***	.816***	.123***	.673***	.306***	.509***	-.346***
Change in partisan affil. btw. Ind & D/R	.916***	-.287***	.903***	-.551***	.885***	-.153***	.784***	.441***
Change in partisan reg. status	.904***	-.130***	.863***	-.451***	.726***	-.013***	.794***	-.486***
Voters "entering" the dataset as reg.	.936***	-	.915***	-	.868***	-	.723***	-
Change in partisan affil. btw. D & R	.936***		.915***		.868***		.723***	
	N = 135		N = 73		N = 55		N = 18	

Decomposition - Inflow and Outflow

Table – Average number of voters registered as Democrats or Republicans per factor - At the pseudo-CD level

	All counties		↑ in Homog.		↑ in Homog. (R)		↑ in Homog. (D)	
	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.
Generational change	70353.015 (92440.858)	55890.252 (61773.835)	73441.589 (100938.542)	57411.342 (69984.037)	47407.782 (43531.627)	40220.218 (25797.868)	152989.333 (168045.923)	109939.778 (121456.8)
U.S. Internal migration	48291.667 (47496.874)	49858.837 (56714.837)	54480.507 (50348.549)	53839.438 (58038.581)	45017.073 (43888.744)	37119.836 (28394.462)	83396.556 (58674.692)	104927.111 (89652.597)
Change in partisan affil. btw. Ind & D/R	25813.615 (33994.282)	23326.519 (35179.318)	24143.849 (30936.947)	21816.219 (33070.359)	17064.364 (17239.432)	14870.582 (14468.253)	45775.611 (49516.946)	43039 (57740.925)
Change in partisan reg. status	17026.719 (22422.029)	95104.178 (136203.13)	17931.932 (24640.69)	100859.274 (127938.304)	12141.491 (11612.331)	74509.8 (66751.504)	35624.944 (41270.42)	181371.556 (214617.795)
Voters "entering" the dataset as reg.	69229.911 (100930.355)	- -	77865.233 (112620.238)	- -	50446.4 (59426.896)	- -	161645 (180652.966)	- -
Change in partisan affil. btw. D & R	44726.044 (49748.737)		44614.534 (49638.806)		33312.945 (25517.948)		79147.167 (81801.724)	
	N = 135		N = 73		N = 55		N = 18	

Decomposition - Inflow and Outflow

Table – Correlation coefficient between the change in D/(D+R) and

$$\frac{s_f^D}{s_f^R+s_f^D} - \frac{D_{08}}{D_{08}+R_{08}} - \text{At the county level}$$

	↓ in Homog.		↓ in Homog. (R)		↓ in Homog. (D)	
	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.
Generational change	.960***	-.631***	.935***	-.572***	.792***	-.194***
U.S. Internal migration	.907***	.692***	.856***	.544***	.638***	.045***
Change in partisan affil. btw. Ind & D/R	.924***	.160***	.892***	-.119***	.479***	-.126***
Change in partisan reg. status	.921***	.375***	.857***	.249***	.768***	-.254***
Voters "entering" the dataset as reg.	.957***	-	.937***	-	.691***	-
Change in partisan affil. btw. D & R	.932***		.874***		.752***	
	N = 532		N = 426		N = 106	

Decomposition - Inflow and Outflow

Table – Number of voters registered as Democrats or Republicans per factor - At the county level

	↓ in Homog.		↓ in Homog. (R).		↓ in Homog. (D)	
	Infl.	Outfl.	Infl.	Outfl.	Infl.	Outfl.
Generational change	7802.047 (19098.407)	6243.602 (13455.002)	4847.467 (11018.706)	4513.739 (10168.279)	19676.113 (34284.197)	13195.689 (20882.977)
U.S. Internal migration	6401.295 (14329.063)	6657.878 (14122.529)	3685.423 (8670.837)	3937.291 (8635.894)	17316.028 (24162.735)	17591.557 (23580.646)
Change in partisan affil. btw. Ind & D/R	2697.923 (7257.693)	2464.487 (7086.662)	1504.284 (4199.587)	1375.514 (3777.7)	7495 (12883.435)	6840.925 (13117.285)
Change in partisan reg. status	1870.397 (4726.462)	10421.867 (29751.262)	1187.427 (2976.198)	6245.556 (13605.447)	4615.16 (8223.322)	27205.906 (58067.806)
Voters "entering" the dataset as reg.	7027.677 (20917.67)	- -	4239.493 (11908.38)	- -	18233.019 (38476.759)	- -
Change in partisan affil. btw. D & R	4751.566 (11195.638)		2966.932 (6555.467)		11923.774 (19876.59)	
	N = 532		N = 426		N = 106	