

# Simple Tables for Municipality Proliferation

June 6, 2023

## Contents

<b>1</b>	<b>Pooled, Urban Populations</b>	<b>3</b>
1.1	CGoodman Full, Per Capita . . . . .	3
1.2	Subcounty Governments, Per Capita . . . . .	7
1.3	Municipal Governments, Per Capita . . . . .	11
1.4	School Districts, Per Capita . . . . .	15
<b>2</b>	<b>Stacked Tables, Urban Populations</b>	<b>19</b>
2.1	CGoodman Full, Per Capita . . . . .	19
2.2	Subcounty Governments, Per Capita . . . . .	23
2.3	Municipal Governments, Per Capita . . . . .	27
2.4	School Districts, Per Capita . . . . .	31
<b>3</b>	<b>Pooled, Total Populations</b>	<b>35</b>
3.1	CGoodman Full, Per Capita . . . . .	35
3.2	Subcounty Governments, Per Capita . . . . .	39
3.3	Municipal Governments, Per Capita . . . . .	43
3.4	School Districts, Per Capita . . . . .	47
<b>4</b>	<b>Stacked Tables, Total Populations</b>	<b>51</b>
4.1	CGoodman Full, Per Capita . . . . .	51
4.2	Subcounty Governments, Per Capita . . . . .	55
4.3	Municipal Governments, Per Capita . . . . .	59
4.4	School Districts, Per Capita . . . . .	63

## List of Figures

## List of Tables

1	Dererencourt Table Two with y=Earliest Year of Municipal Incorporation Per Capita (100,000) Pooled,, Urban Population, Census Region controls. . . . .	3
2	Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) Per Capita (100,000) Pooled,, Urban Population, Census Region controls. . . . .	7
3	Dererencourt Table Two with y=Number of Municipal Govts Per Capita (100,000) Pooled, Census Region controls. . . . .	11
4	Dererencourt Table Two with y=Number of Independent School Districts Per Capita (100,000) Pooled,, Urban Population, Census Region controls. . . . .	15
5	Dererencourt Table Two with y=Earliest Year of Municipal Incorporation Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Urban Population . . . . .	19
6	Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Urban Population . . . . .	23
7	Dererencourt Table Two with y=Number of Municipal Govts Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Urban Population . . . . .	27
8	Dererencourt Table Two with y=Number of Independent School Districts Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Urban Population . . . . .	31
9	Dererencourt Table Two with y=Earliest Year of Municipal Incorporation Per Capita (100,000) Pooled,, Total Population, Census Region controls. . . . .	35
10	Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) Per Capita (100,000) Pooled,, Total Population, Census Region controls. . . . .	39
11	Dererencourt Table Two with y=Number of Municipal Govts Per Capita (100,000) Pooled, Census Region controls. . . . .	43
12	Dererencourt Table Two with y=Number of Independent School Districts Per Capita (100,000) Pooled,, Total Population, Census Region controls. . . . .	47
13	Dererencourt Table Two with y=Earliest Year of Municipal Incorporation Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Total Population . . . . .	51
14	Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Total Population . . . . .	55

15	Dererencourt Table Two with y=Number of Municipal Govts Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Total Population . . . . .	59
16	Dererencourt Table Two with y=Number of Independent School Districts Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Total Population . . . . .	63

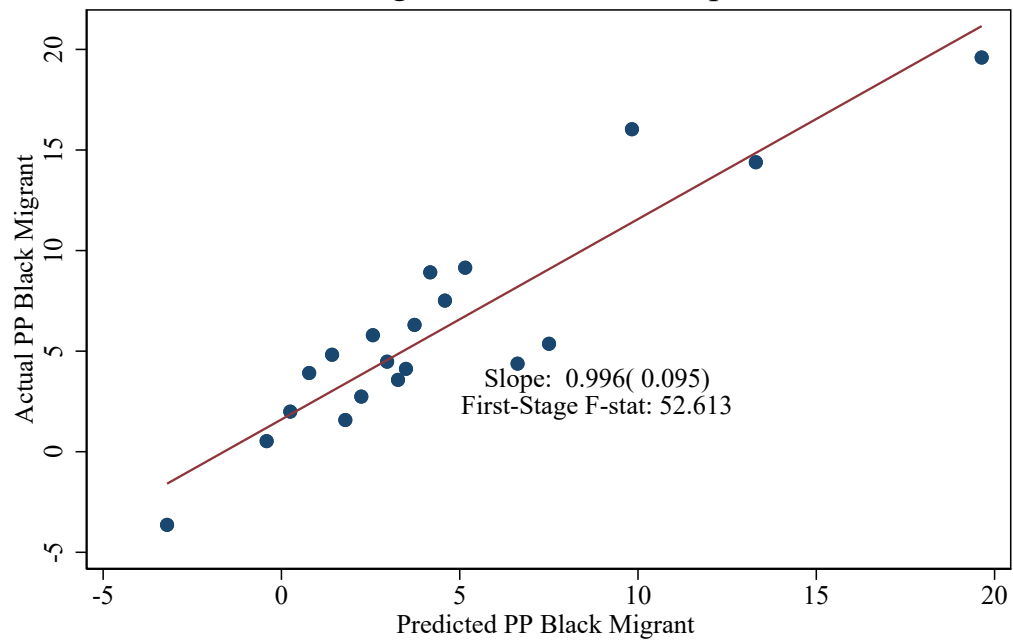
# 1 Pooled, Urban Populations

## 1.1 CGoodman Full, Per Capita

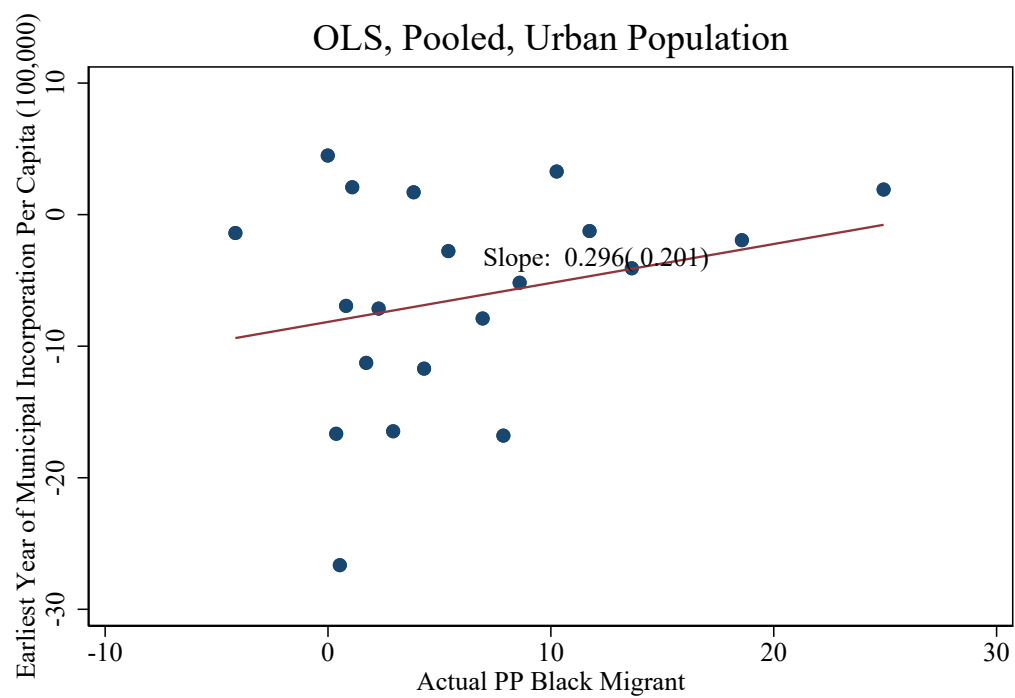
Table 1: Dererencourt Table Two with y=Earliest Year of Municipal Incorporation Per Capita (100,000) Pooled,, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp	0.996*** (0.0945)		0.386 (0.337)	
GM_raw_pp		0.296 (0.201)		0.388 (0.329)
F-Stat	52.613			
Observations	130	130	130	130
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

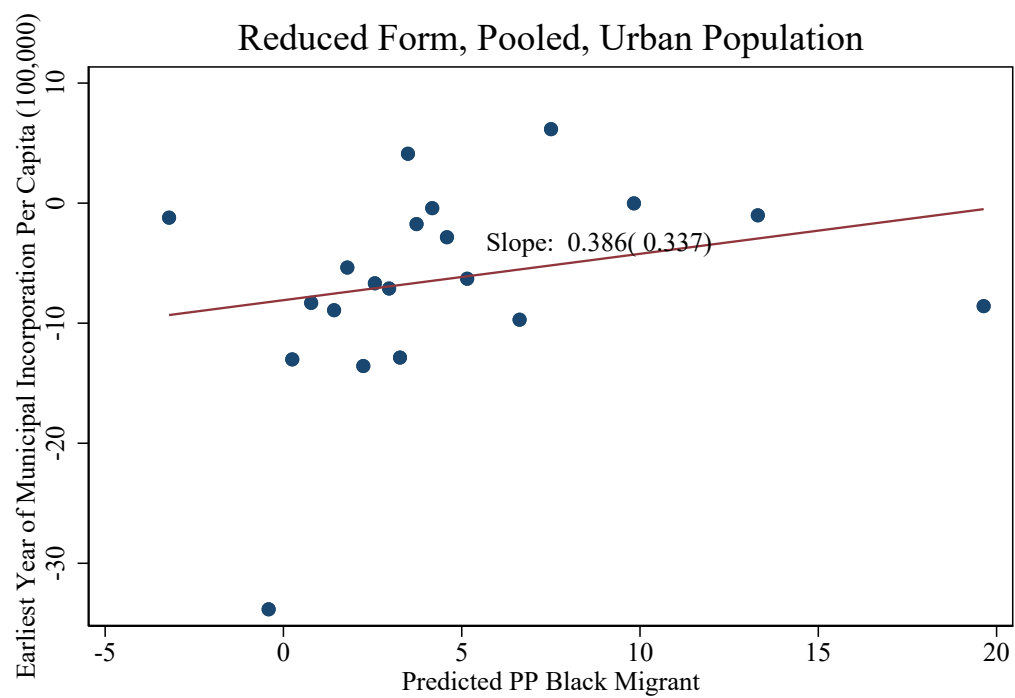
### First Stage, Pooled, Urban Population



Data at CZ level, 1940-70 sample, with Census Region controls.



Data at CZ level, 1940-70 sample, with Census Region controls.



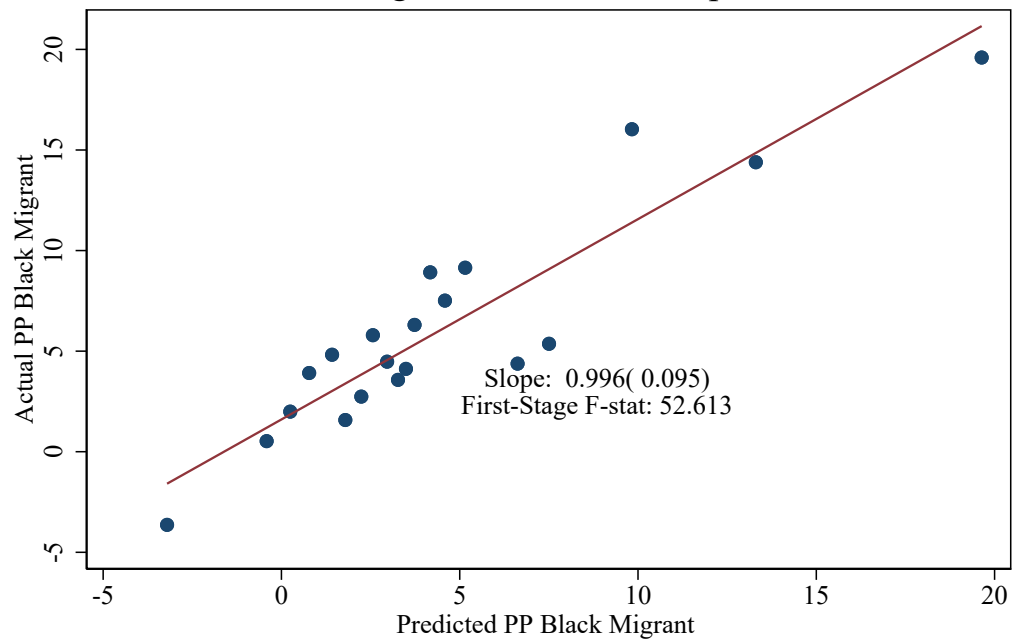
Data at CZ level, 1940-70 sample, with Census Region controls.

1.2 Subcounty Governments, Per Capita

Table 2: Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) Per Capita (100,000) Pooled,, Urban Population, Census Region controls.

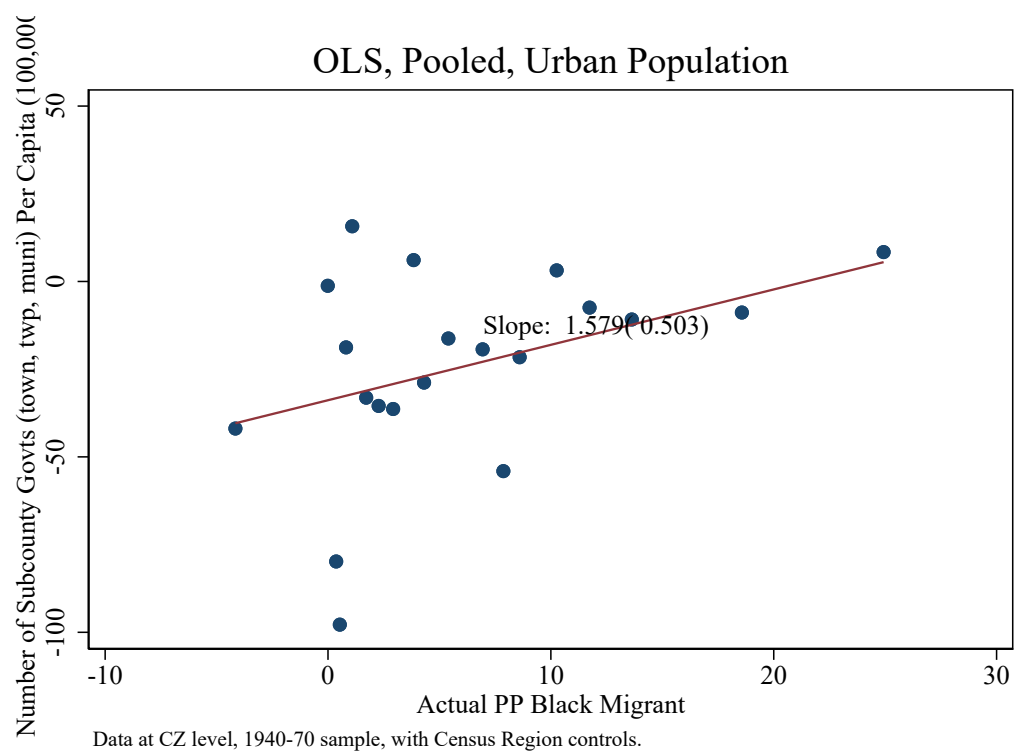
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp	0.996*** (0.0945)		2.195** (0.884)	
GM_raw_pp		1.579*** (0.503)		2.204** (0.860)
F-Stat	52.613			
Observations	130	130	130	130
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

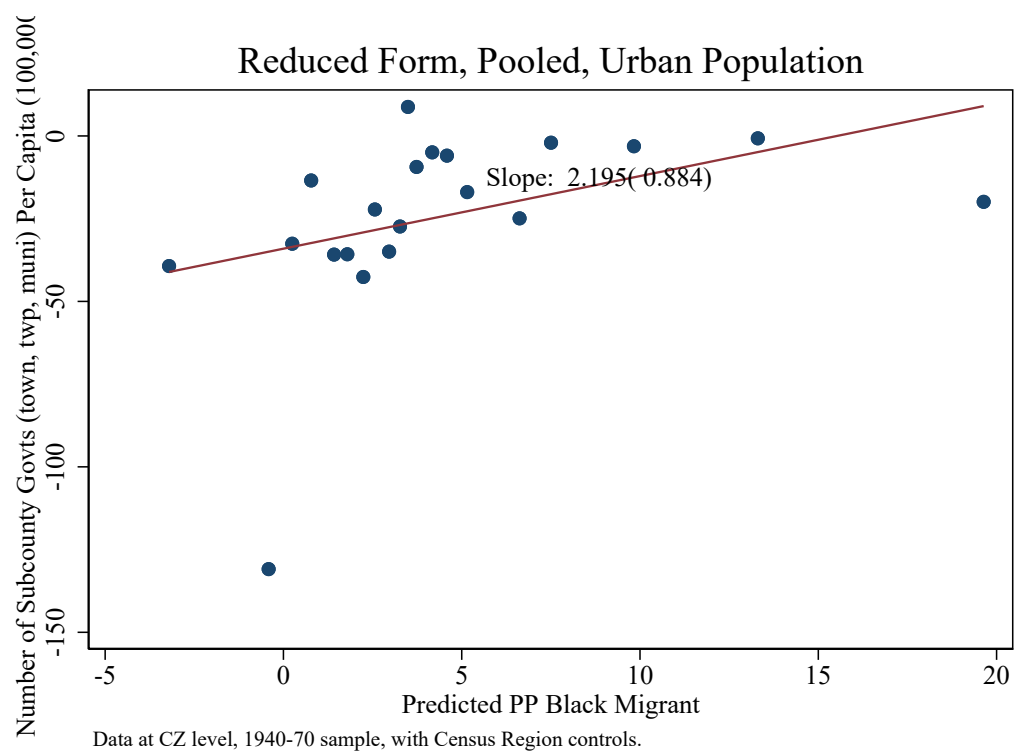
### First Stage, Pooled, Urban Population



Data at CZ level, 1940-70 sample, with Census Region controls.





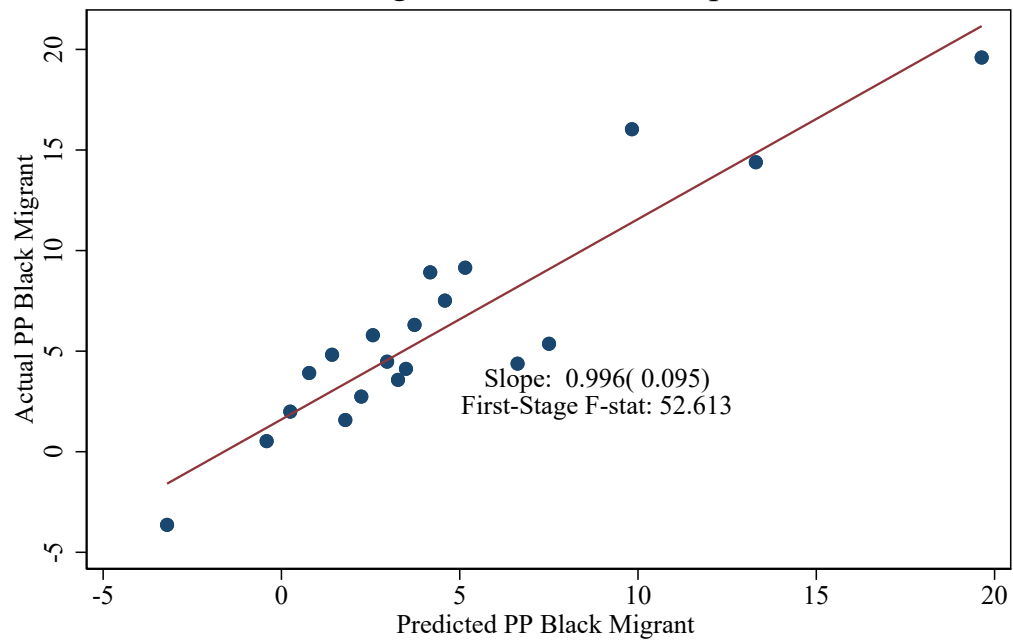


1.3 Municipal Governments, Per Capita

Table 3: Dererencourt Table Two with y=Number of Municipal Govts Per Capita (100,000) Pooled, Census Region controls.

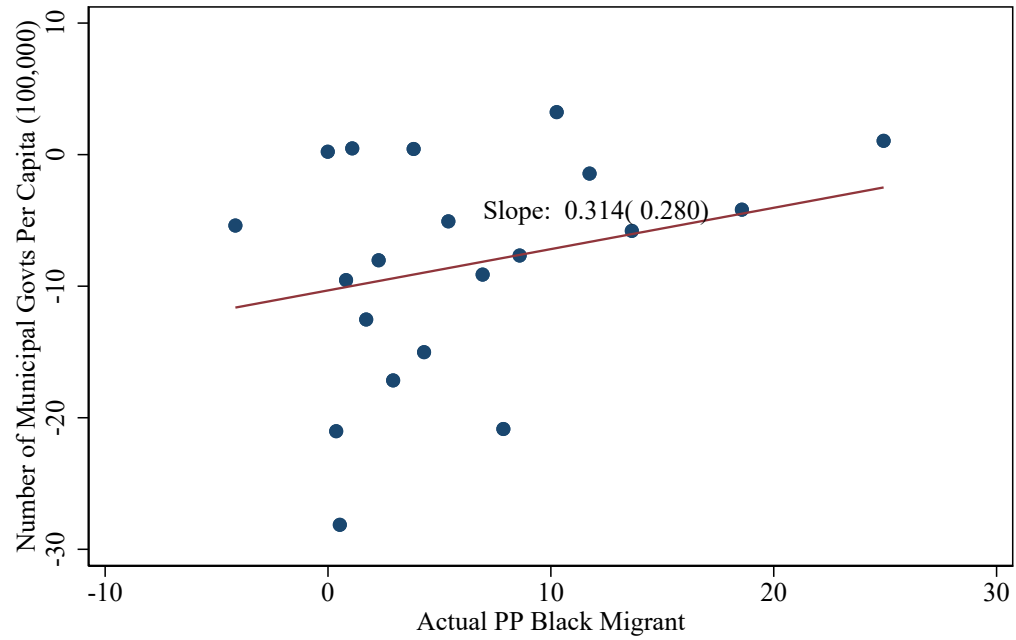
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat2_raw_pp	0.996*** (0.0945)		0.286 (0.446)	
GM_raw_pp		0.314 (0.280)		0.287 (0.437)
F-Stat	52.613			
Observations	130	130	130	130
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

### First Stage, Pooled, Urban Population



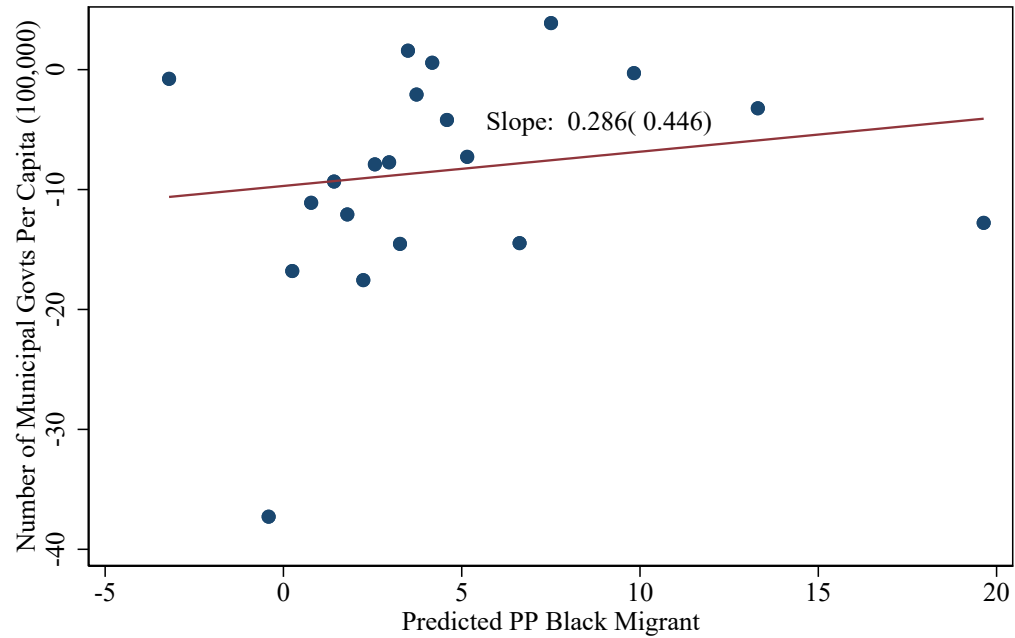
Data at CZ level, 1940-70 sample, with Census Region controls.

### OLS, Pooled, Urban Population



Data at CZ level, 1940-70 sample, with Census Region controls.

### Reduced Form, Pooled, Urban Population



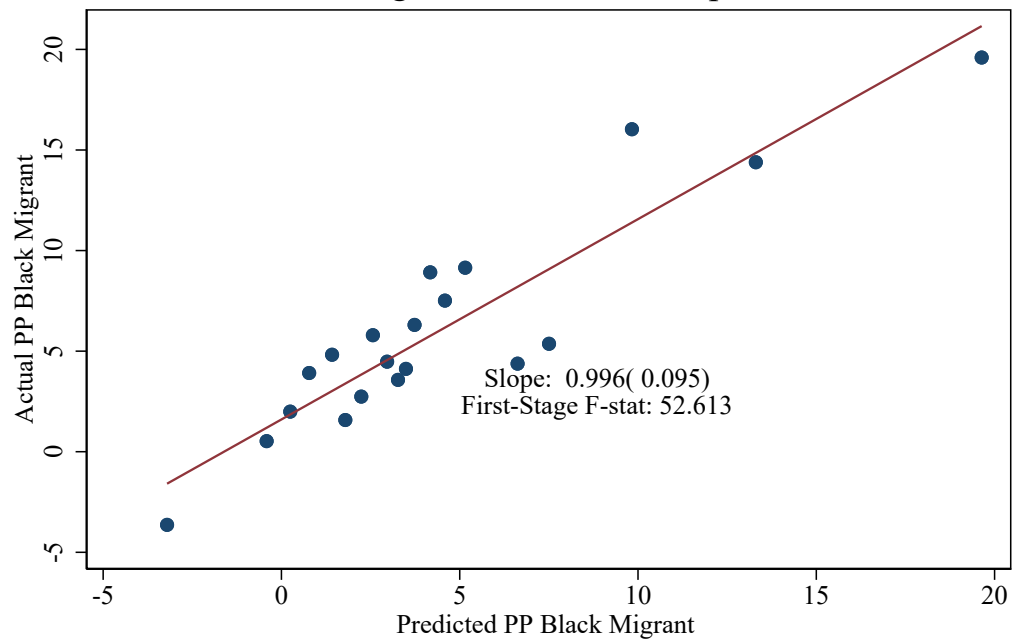
Data at CZ level, 1940-70 sample, with Census Region controls.

1.4 School Districts, Per Capita

Table 4: Dererencourt Table Two with y=Number of Independent School Districts Per Capita (100,000) Pooled,, Urban Population, Census Region controls.

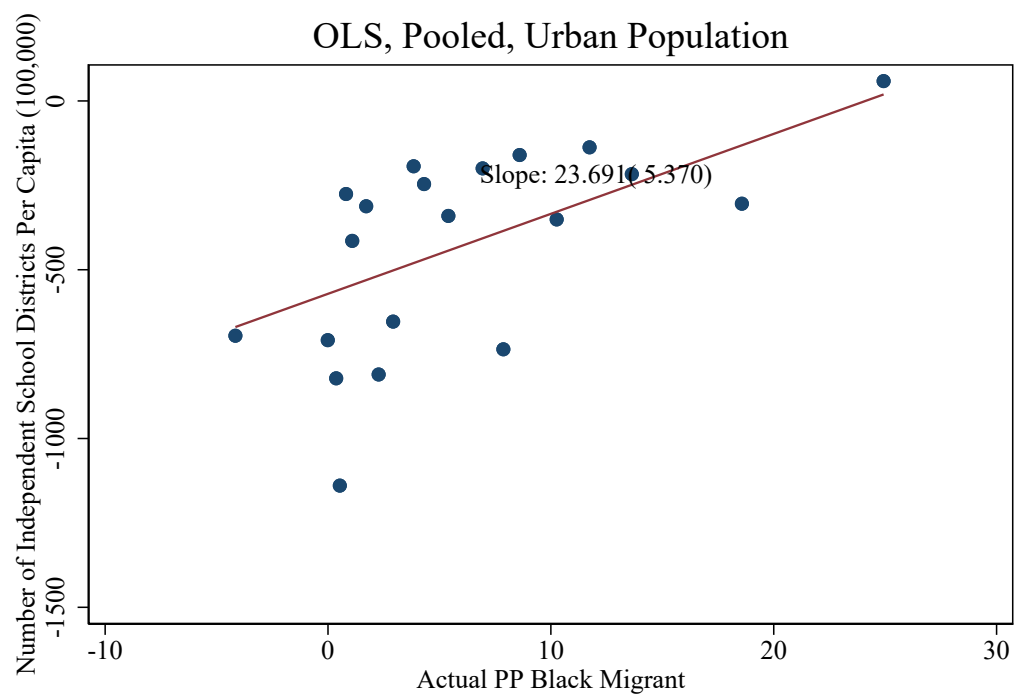
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp	0.996*** (0.0945)		32.08*** (9.628)	
GM_raw_pp		23.69*** (5.370)		32.21*** (9.509)
F-Stat	52.613			
Observations	130	130	130	130
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

### First Stage, Pooled, Urban Population

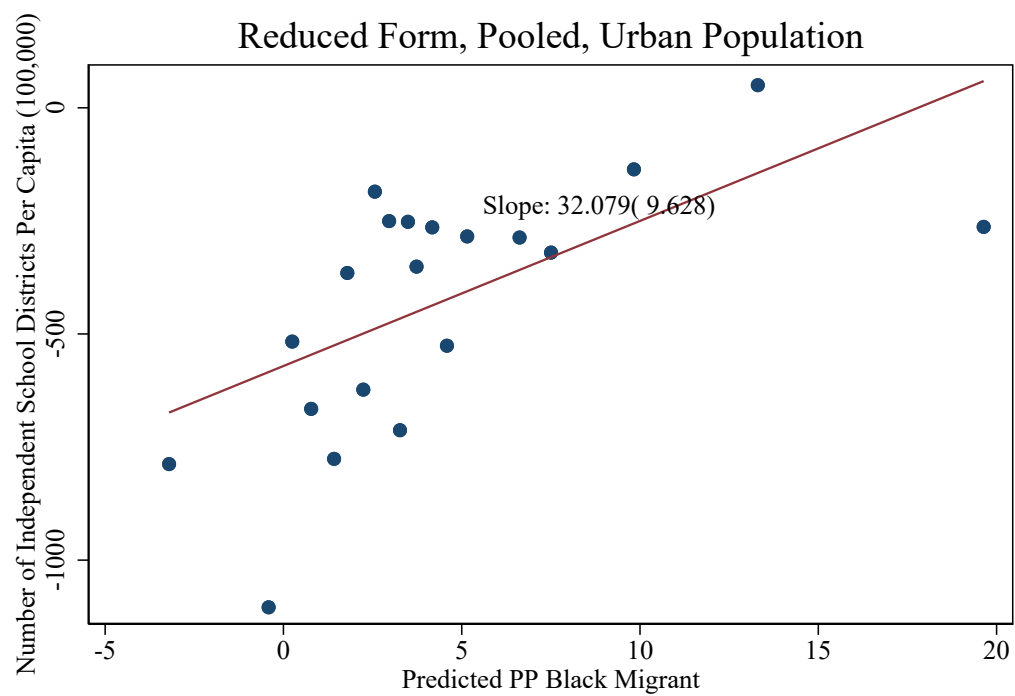


Data at CZ level, 1940-70 sample, with Census Region controls.





Data at CZ level, 1940-70 sample, with Census Region controls.



Data at CZ level, 1940-70 sample, with Census Region controls.

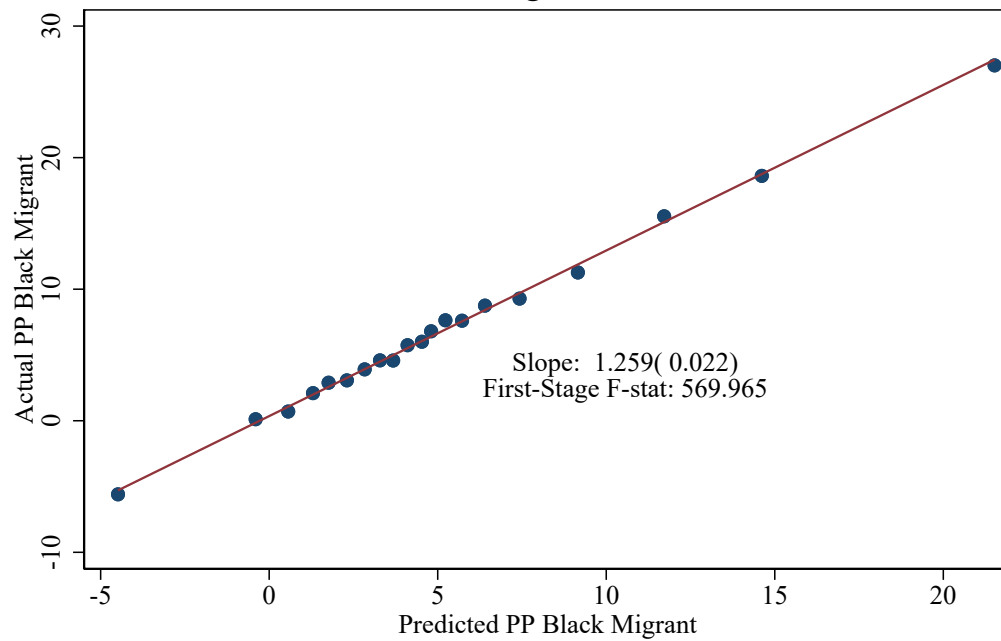
## 2 Stacked Tables, Urban Populations

### 2.1 CGoodman Full, Per Capita

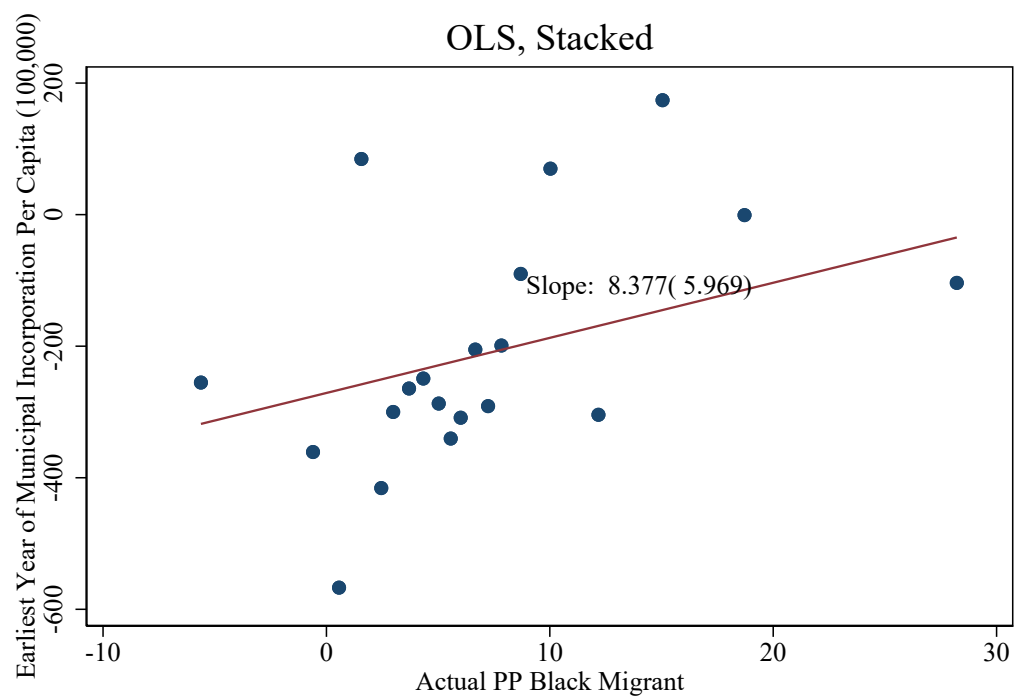
Table 5: Dererencourt Table Two with y=Earliest Year of Municipal Incorporation Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Urban Population

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_ppc	1.259*** (0.0218)		8.165 (8.230)	
GM_raw_ppc		8.377 (5.969)		6.486 (6.476)
F-Stat	569.965			
Observations	390	390	390	390
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

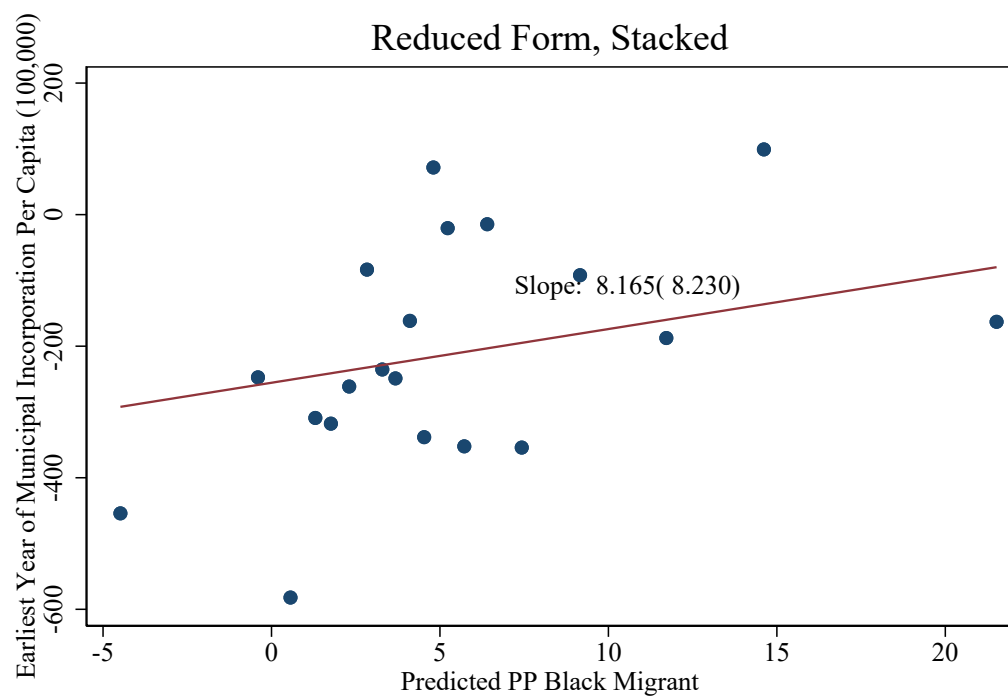
### First Stage, Stacked



Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population.



Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population



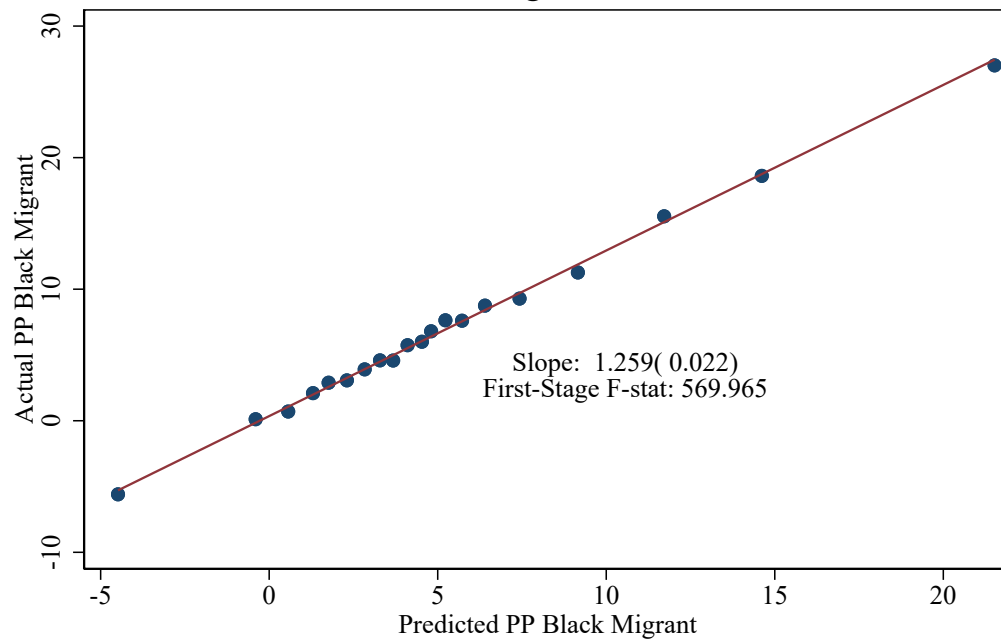
Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population

2.2 Subcounty Governments, Per Capita

Table 6: Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Urban Population

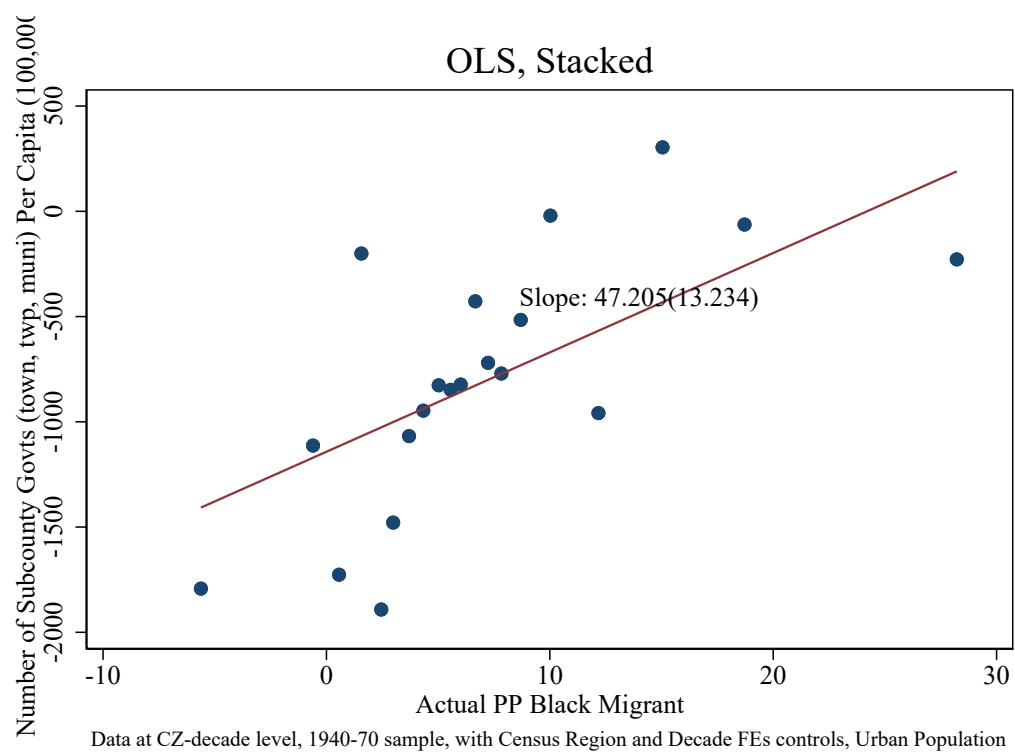
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_ppc	1.259*** (0.0218)		55.87*** (18.07)	
GM_raw_ppc		47.20*** (13.23)		44.39*** (14.22)
F-Stat	569.965			
Observations	390	390	390	390
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

### First Stage, Stacked

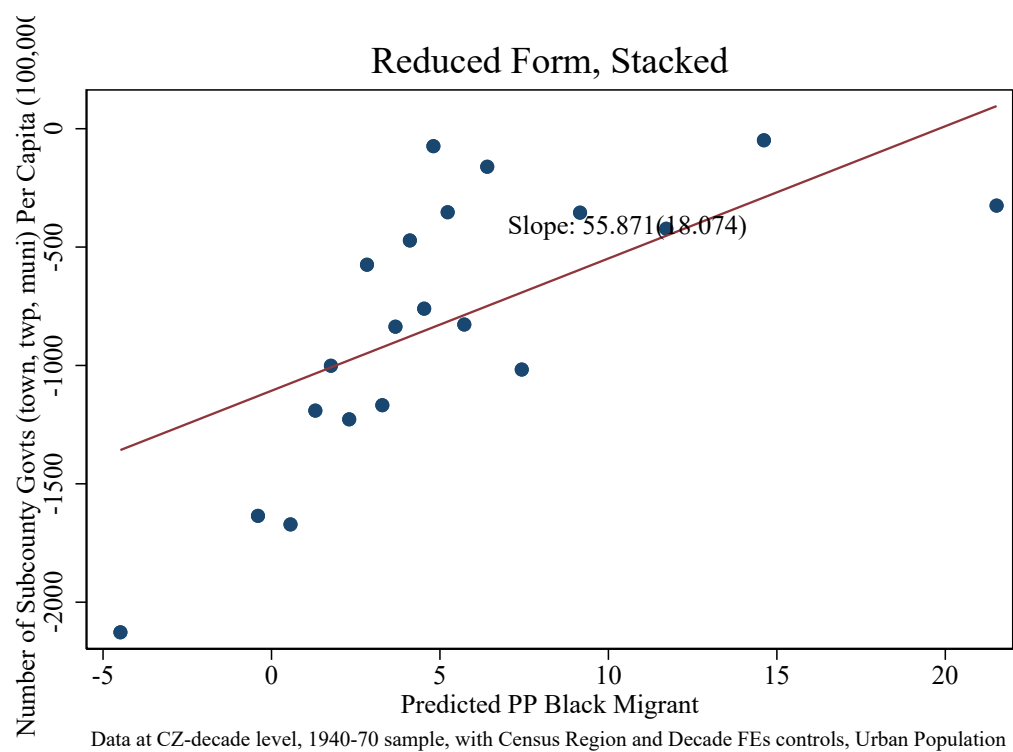


Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population.





Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population

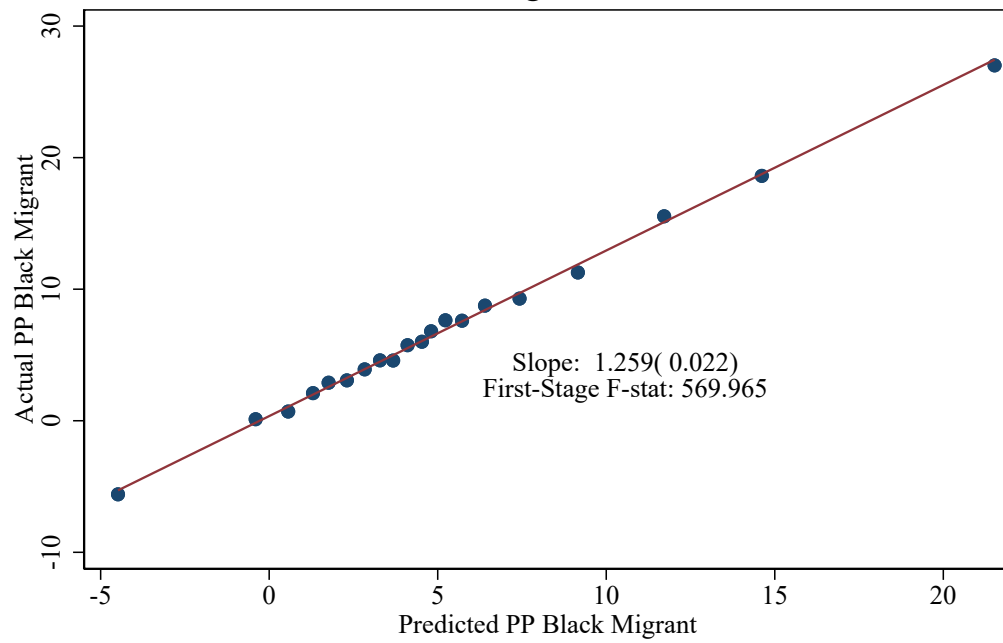


2.3 Municipal Governments, Per Capita

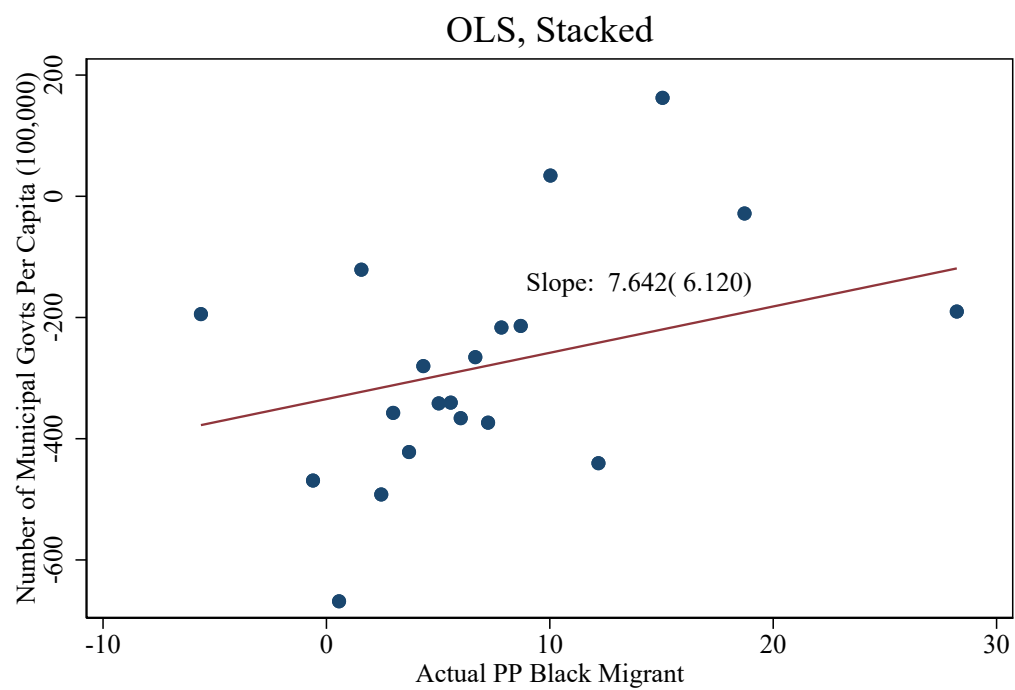
Table 7: Dererencourt Table Two with y=Number of Municipal Govts Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Urban Population

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_ppc	1.259*** (0.0218)		6.093 (8.369)	
GM_raw_ppc		7.642 (6.120)		4.841 (6.585)
F-Stat	569.965			
Observations	390	390	390	390
Standard errors in parentheses				
* p<0.10, ** p<0.05, *** p<0.01				

### First Stage, Stacked

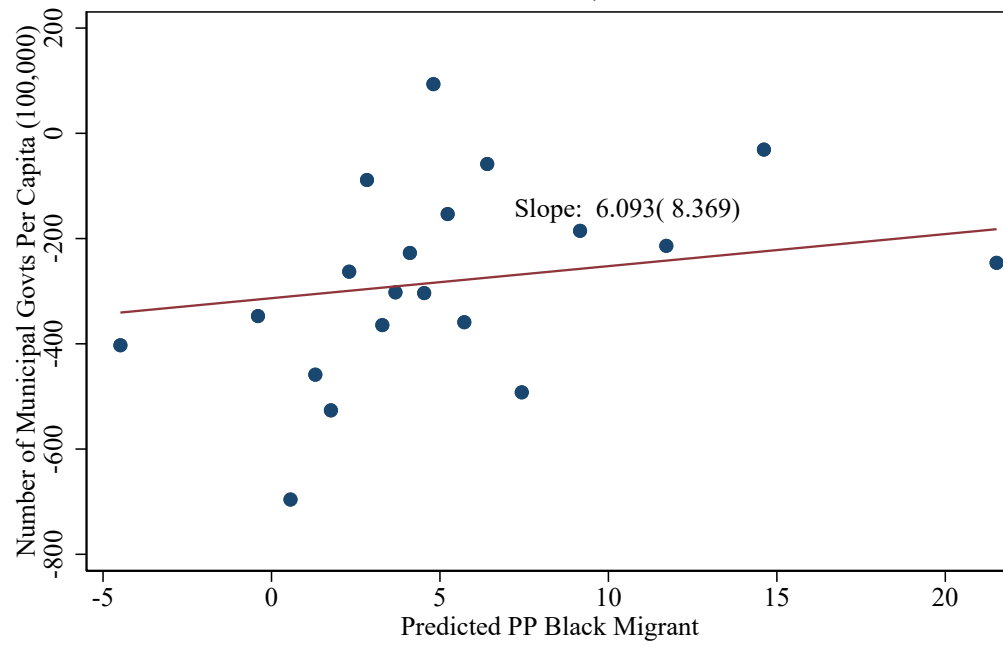


Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population.



Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population

### Reduced Form, Stacked



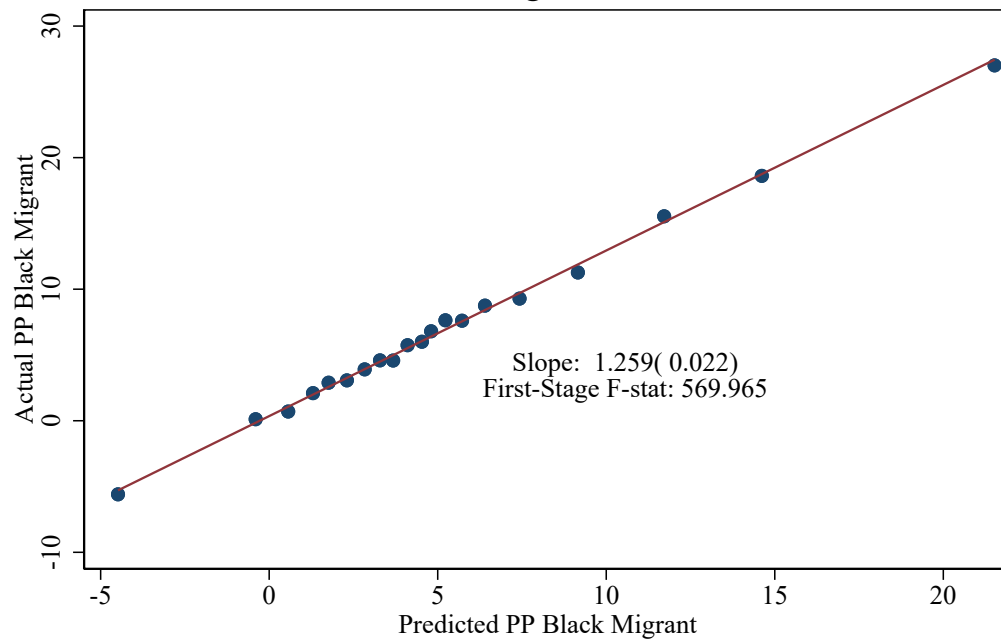
Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population

2.4 School Districts, Per Capita

Table 8: Dererencourt Table Two with y=Number of Independent School Districts Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Urban Population

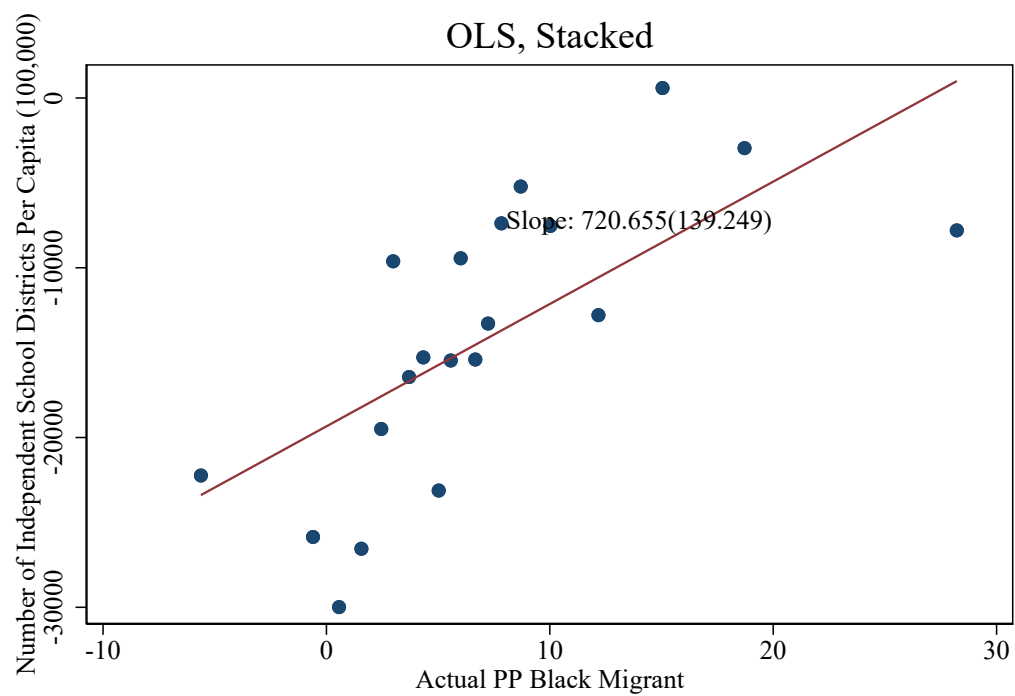
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_ppc	1.259*** (0.0218)		921.3*** (188.4)	
GM_raw_ppc		720.7*** (139.2)		731.9*** (149.6)
F-Stat	569.965			
Observations	390	390	390	390
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

### First Stage, Stacked

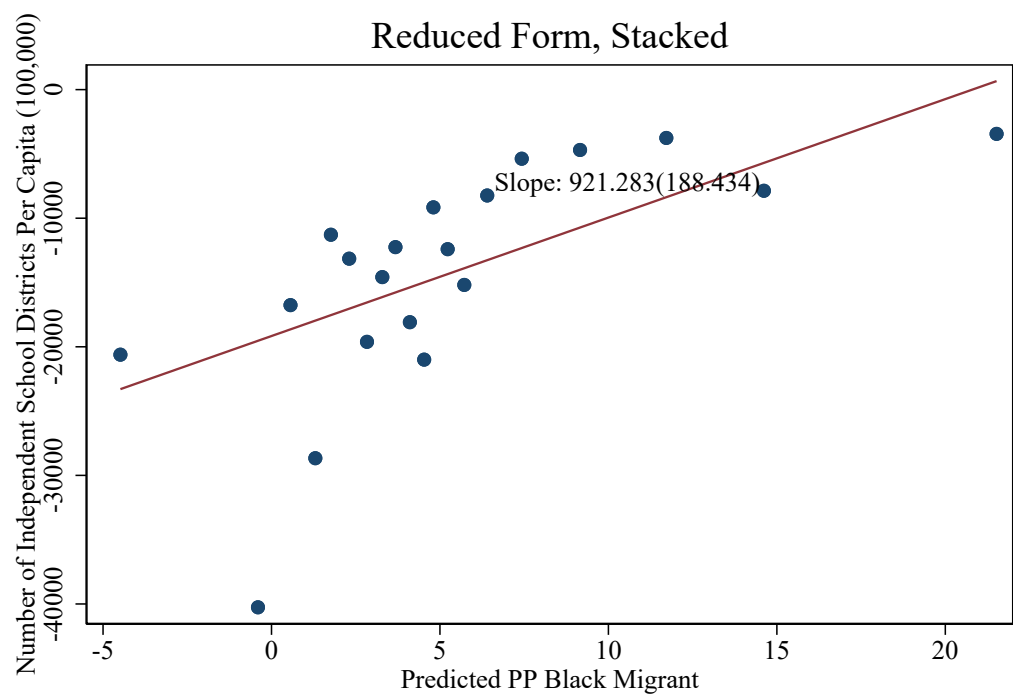


Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population.





Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population



Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Urban Population

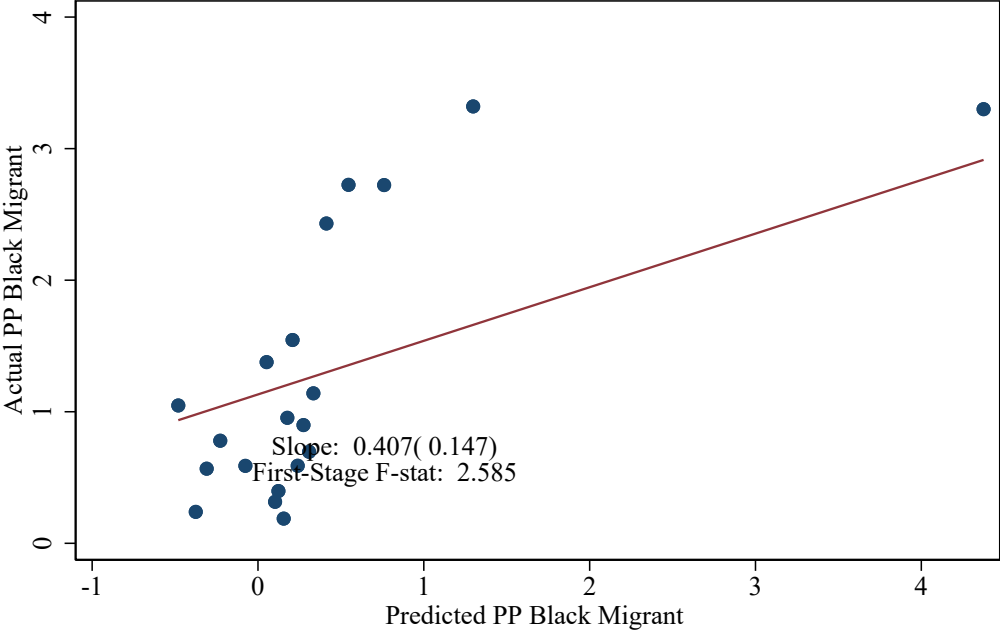
### 3 Pooled, Total Populations

#### 3.1 CGoodman Full, Per Capita

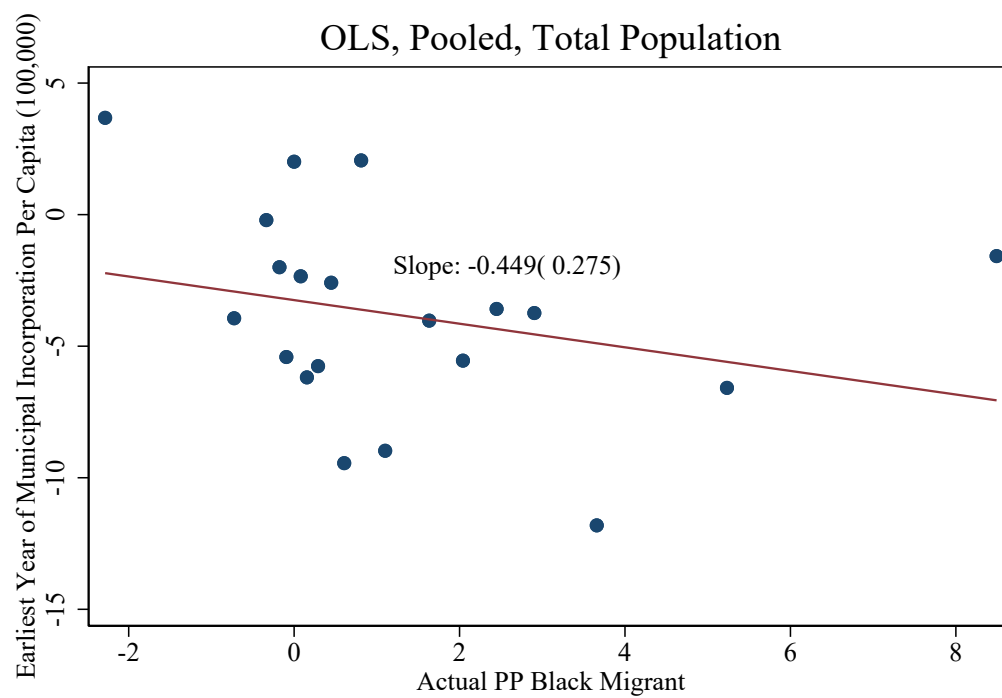
Table 9: Dererencourt Table Two with y=Earliest Year of Municipal Incorporation Per Capita (100,000) Pooled,, Total Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp_totpop	0.407*** (0.147)		0.0281 (0.578)	
GM_raw_pp_totpop		-0.449 (0.275)		0.0690 (1.403)
F-Stat	2.585			
Observations	213	213	213	213
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

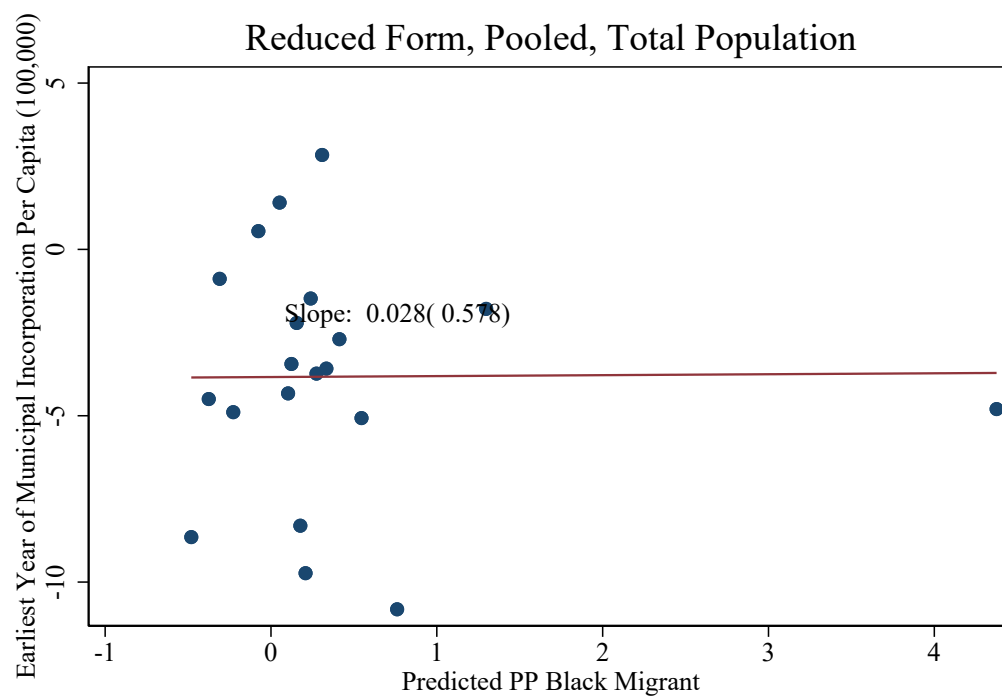
First Stage, Pooled, Total Population



Data at CZ level, 1940-70 sample, with Census Region controls.



Data at CZ level, 1940-70 sample, with Census Region controls.



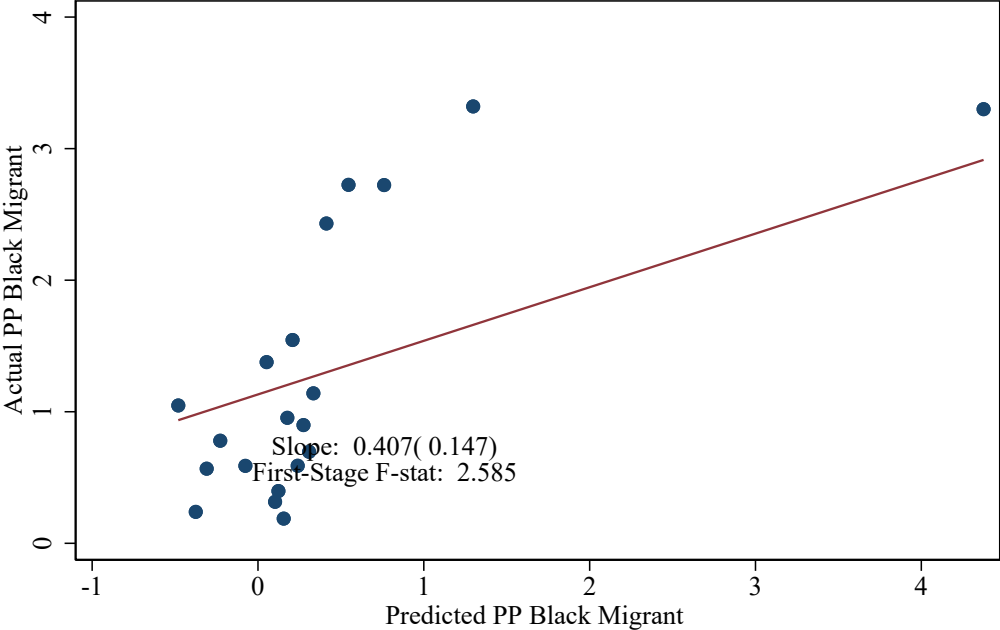
Data at CZ level, 1940-70 sample, with Census Region controls.

3.2 Subcounty Governments, Per Capita

Table 10: Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) Per Capita (100,000) Pooled,, Total Population, Census Region controls.

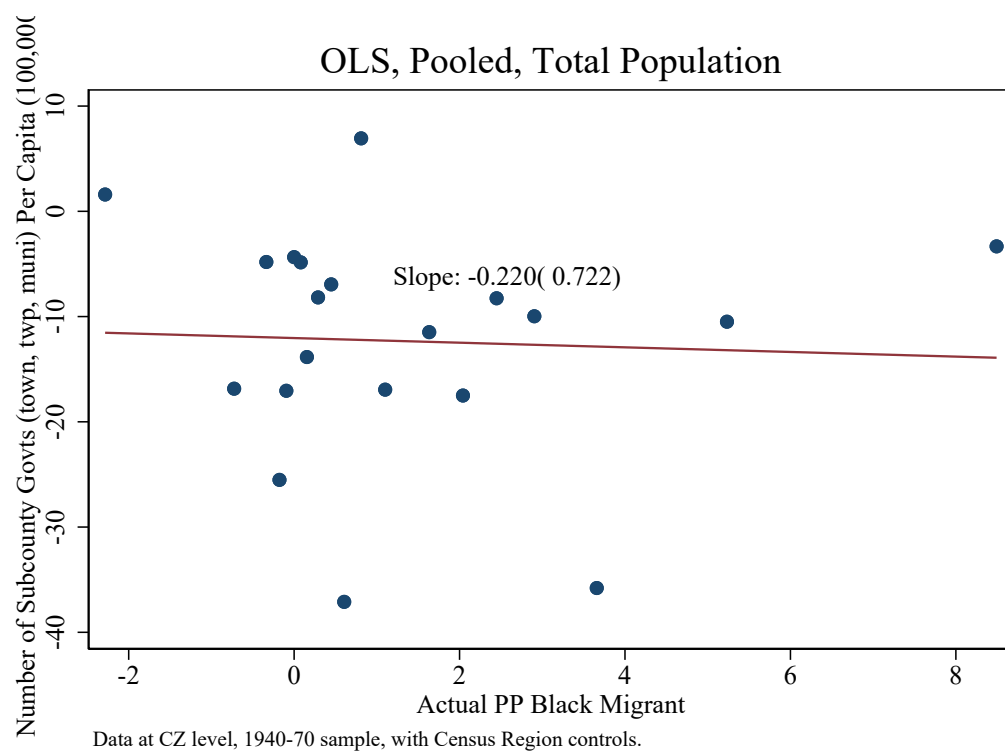
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp_totpop	0.407*** (0.147)		0.777 (0.683)	
GM_raw_pp_totpop		-0.220 (0.722)		1.908 (1.778)
F-Stat	2.585			
Observations	213	213	213	213
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

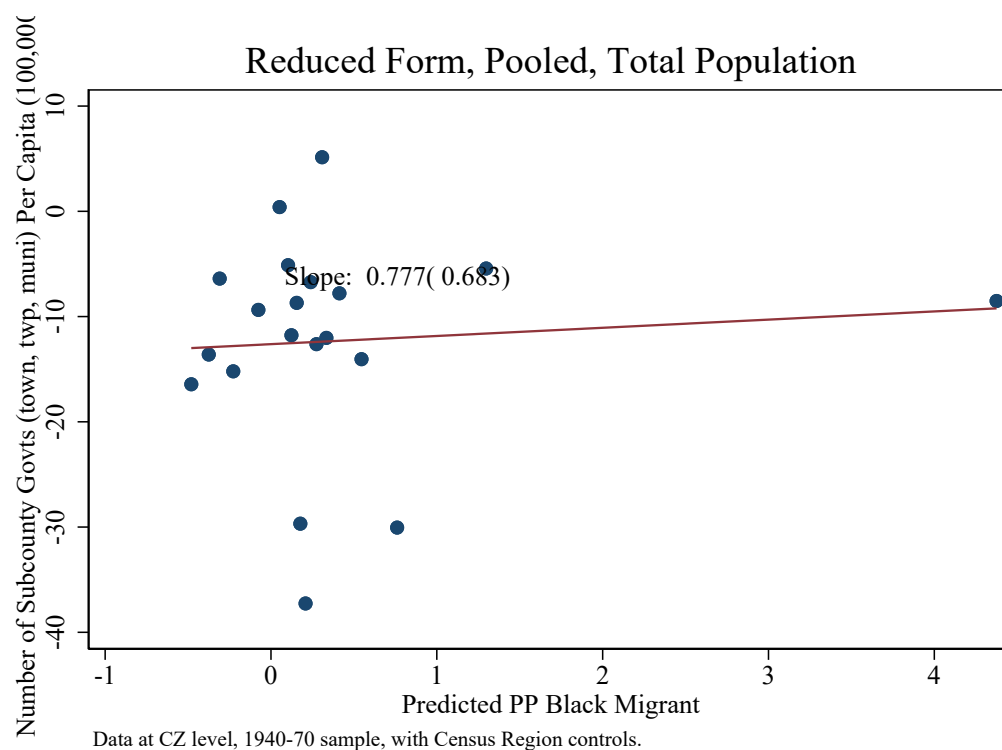
First Stage, Pooled, Total Population



Data at CZ level, 1940-70 sample, with Census Region controls.





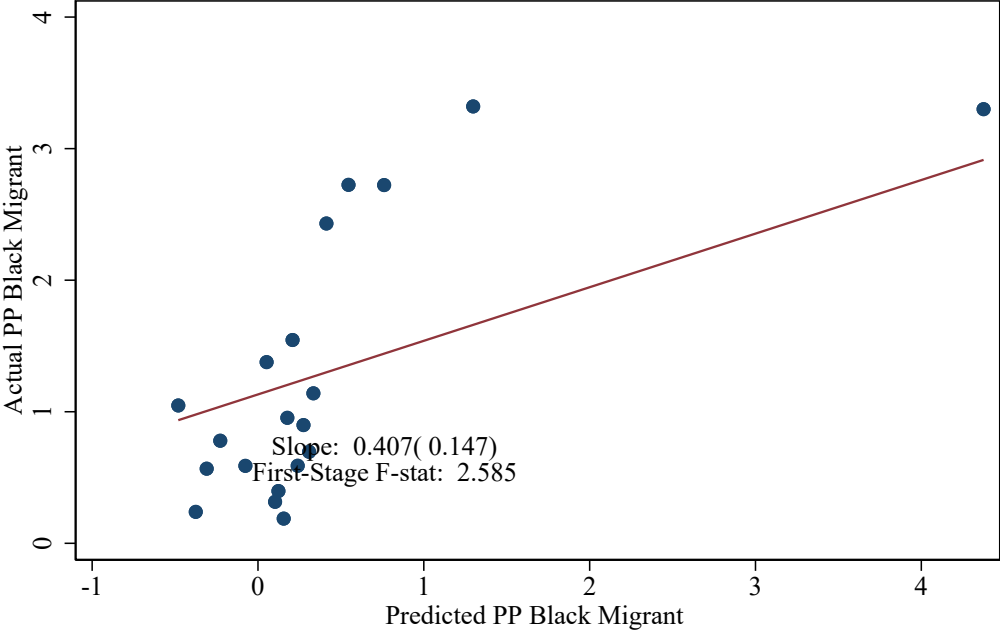


3.3 Municipal Governments, Per Capita

Table 11: Dererencourt Table Two with y=Number of Municipal Govts Per Capita (100,000) Pooled, Census Region controls.

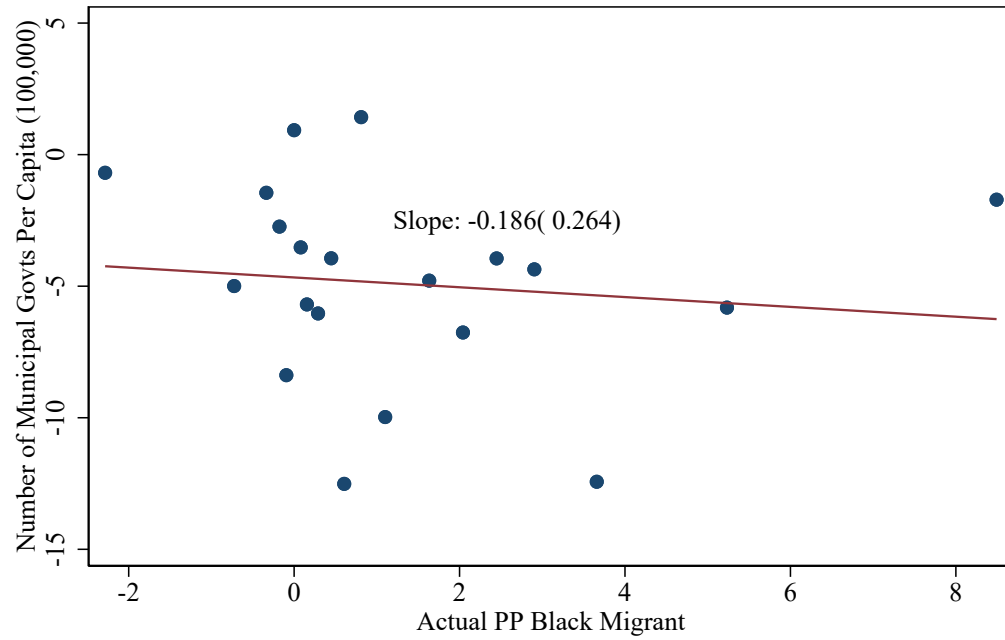
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat2_raw_pp	0.996*** (0.0945)		0.286 (0.446)	
GM_raw_pp		0.314 (0.280)		0.287 (0.437)
F-Stat	52.613			
Observations	130	130	130	130
Standard errors in parentheses				
* p<0.10, ** p<0.05, *** p<0.01				

First Stage, Pooled, Total Population

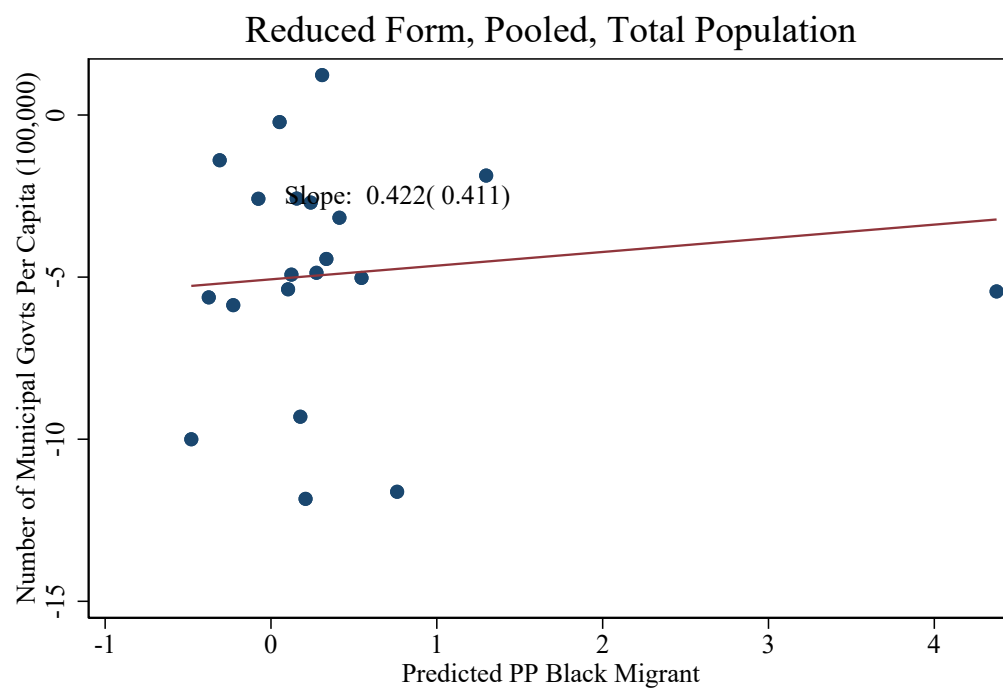


Data at CZ level, 1940-70 sample, with Census Region controls.

### OLS, Pooled, Total Population



Data at CZ level, 1940-70 sample, with Census Region controls.



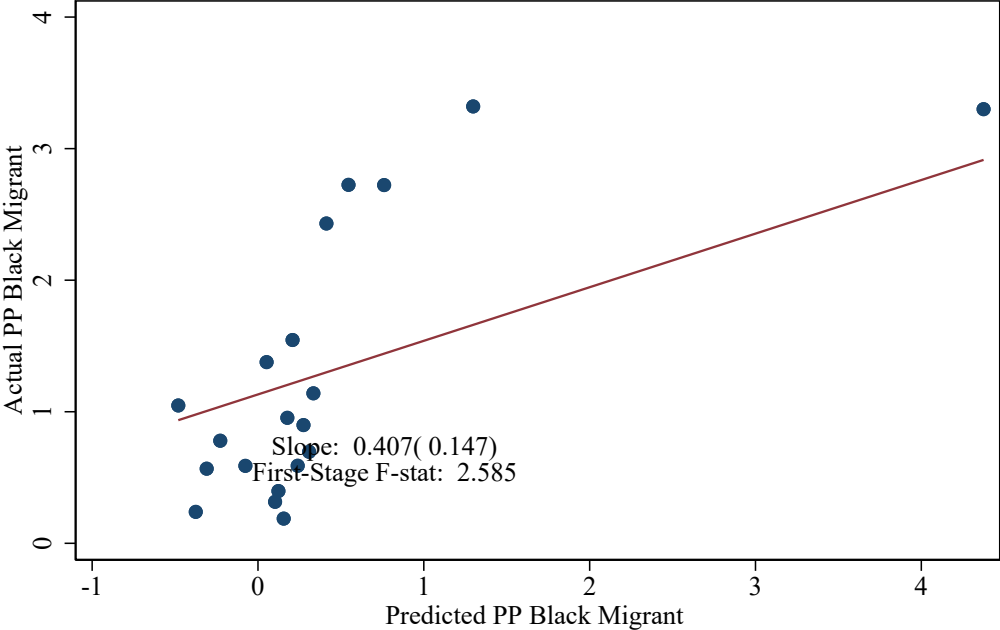
Data at CZ level, 1940-70 sample, with Census Region controls.

3.4 School Districts, Per Capita

Table 12: Dererencourt Table Two with y=Number of Independent School Districts Per Capita (100,000) Pooled,, Total Population, Census Region controls.

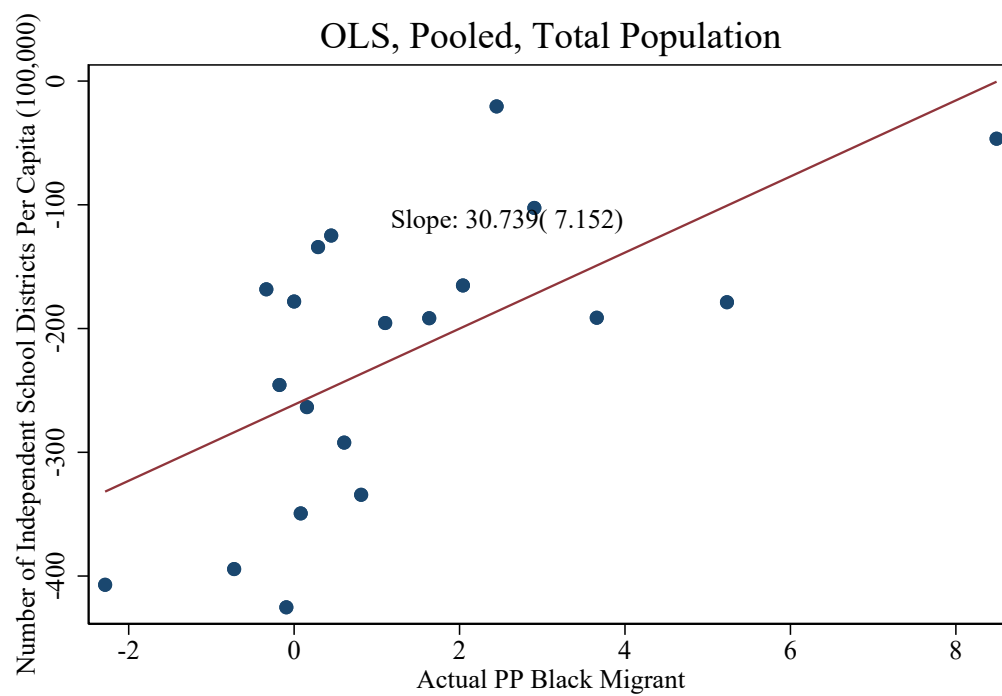
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp_totpop	0.407*** (0.147)		15.62* (8.731)	
GM_raw_pp_totpop		30.74*** (7.152)		38.33** (16.00)
F-Stat	2.585			
Observations	213	213	213	213
Standard errors in parentheses				
* p<0.10, ** p<0.05, *** p<0.01				

First Stage, Pooled, Total Population

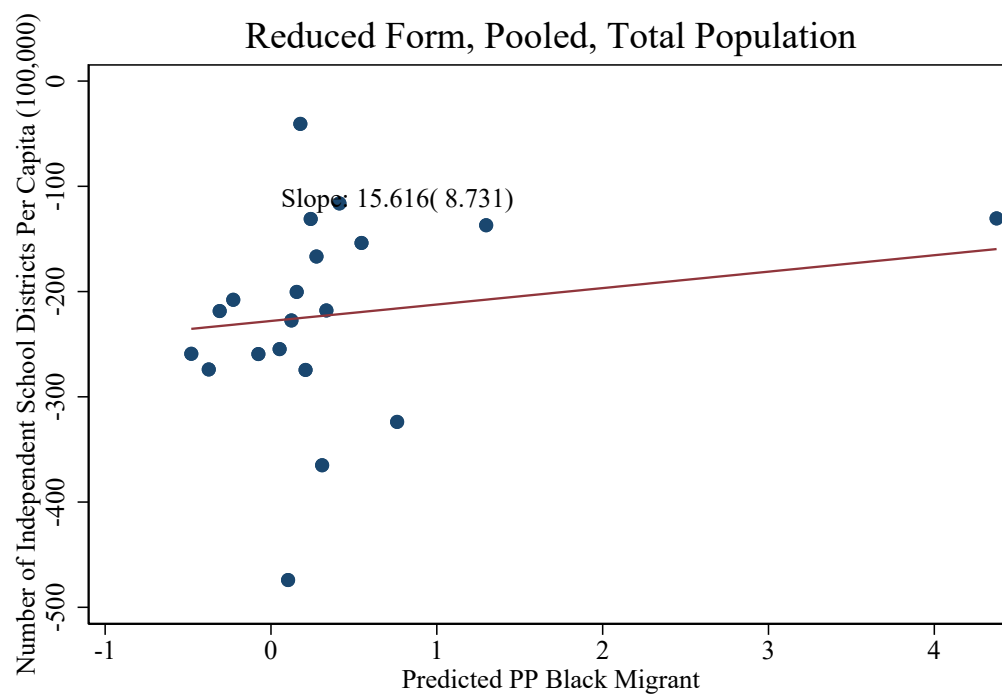


Data at CZ level, 1940-70 sample, with Census Region controls.





Data at CZ level, 1940-70 sample, with Census Region controls.



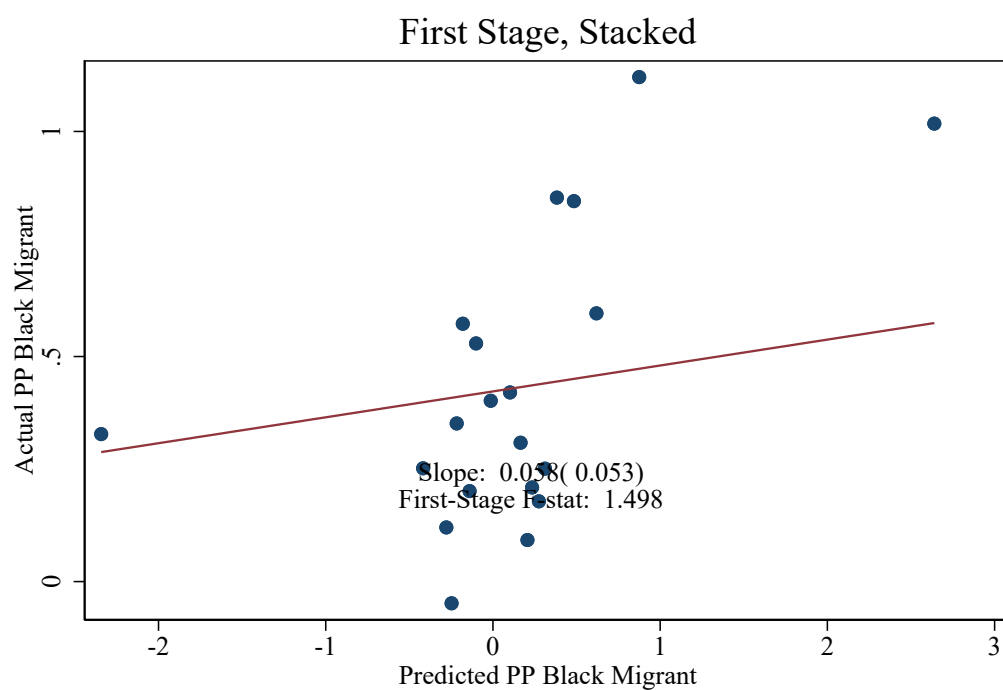
Data at CZ level, 1940-70 sample, with Census Region controls.

## 4 Stacked Tables, Total Populations

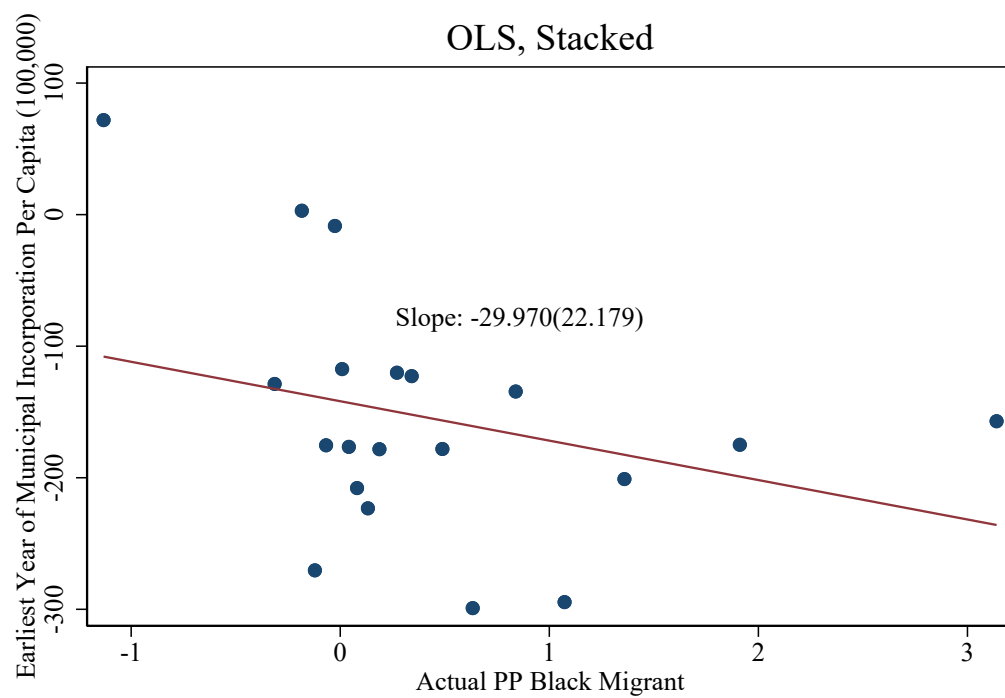
### 4.1 CGoodman Full, Per Capita

Table 13: Dererencourt Table Two with y=Earliest Year of Municipal Incorporation Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Total Population

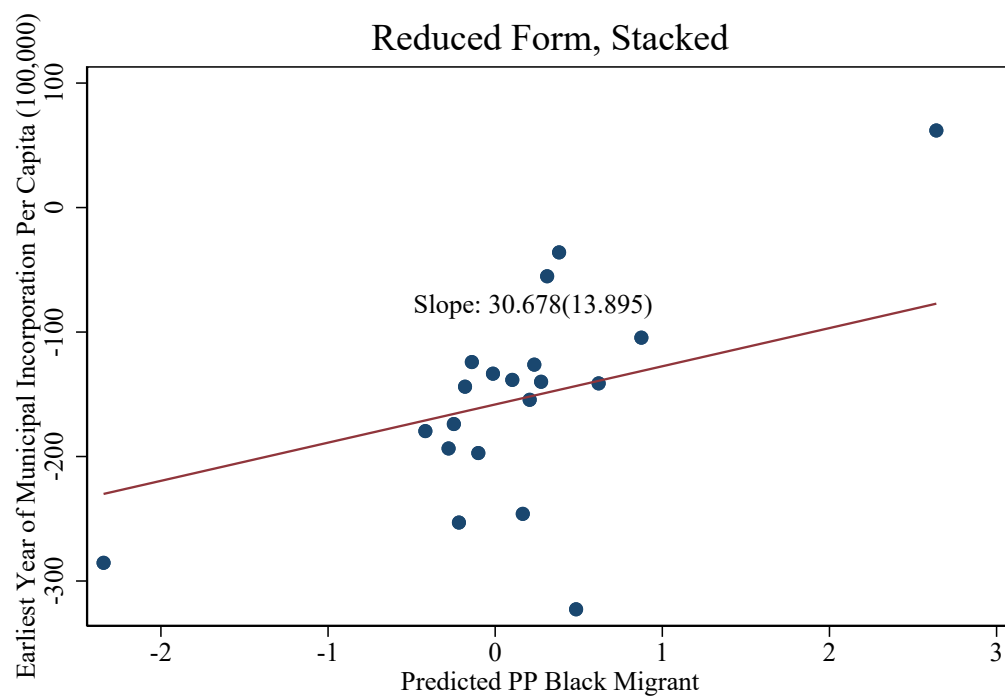
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp_totpop	0.0575 (0.0534)		30.68** (13.89)	
GM_raw_pp_totpop		-29.97 (22.18)		533.2 (534.8)
F-Stat	1.498			
Observations	639	639	639	639
Standard errors in parentheses				
* p<0.10, ** p<0.05, *** p<0.01				



Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population.



Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population

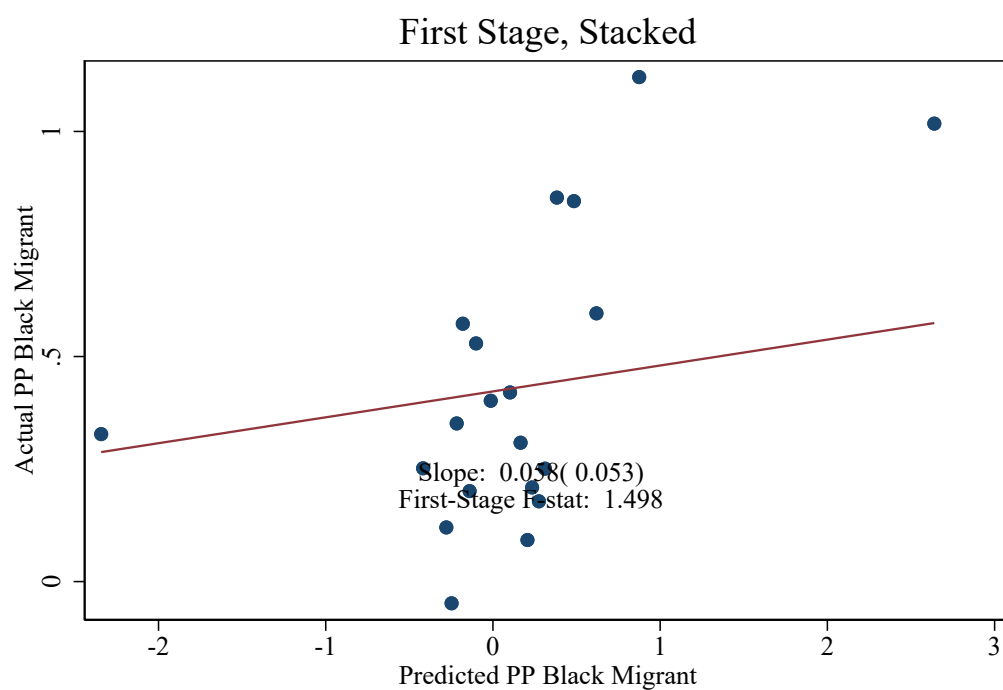


Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population

4.2 Subcounty Governments, Per Capita

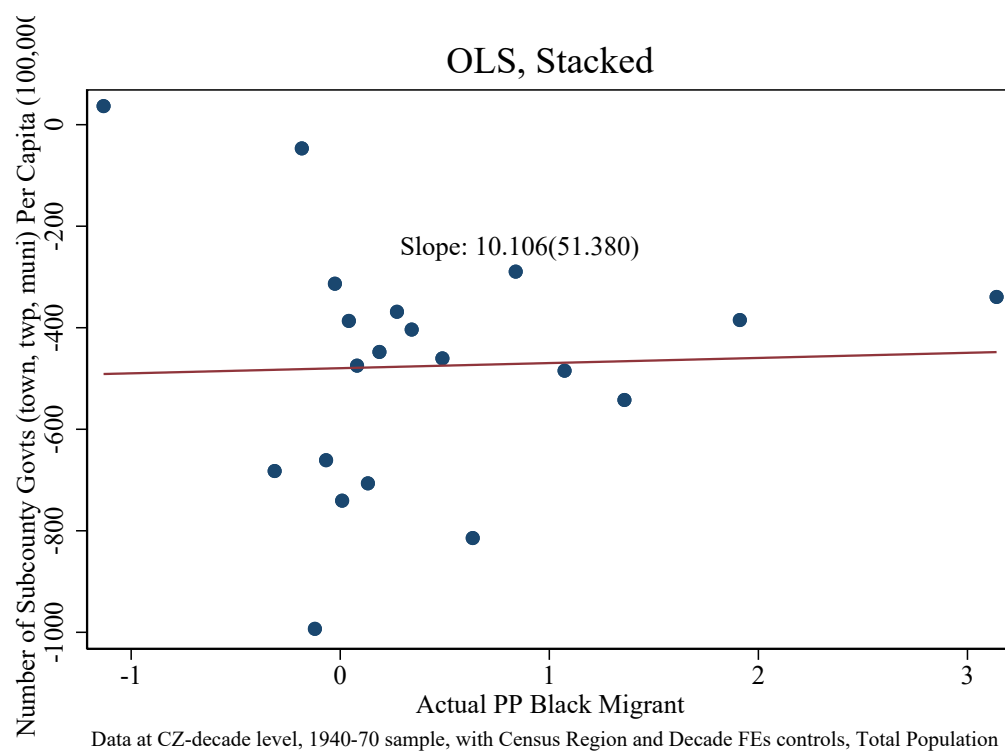
Table 14: Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Total Population

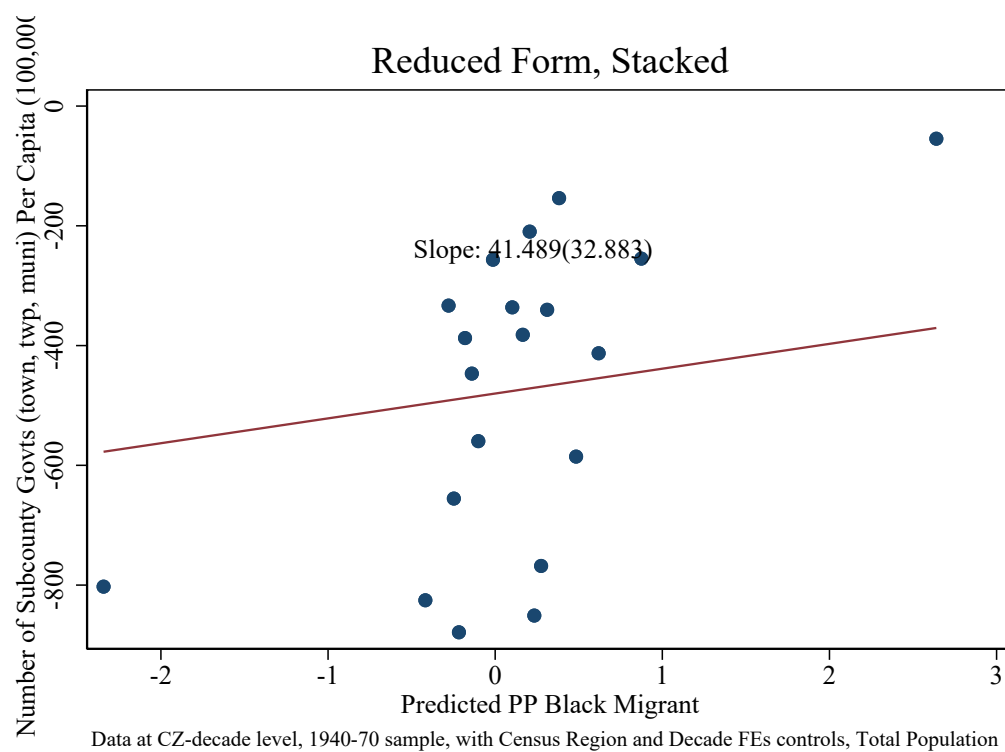
	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp_totpop	0.0575 (0.0534)		41.49 (32.88)	
GM_raw_pp_totpop		10.11 (51.38)		721.0 (682.9)
F-Stat	1.498			
Observations	639	639	639	639
Standard errors in parentheses				
* p<0.10, ** p<0.05, *** p<0.01				



Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population.



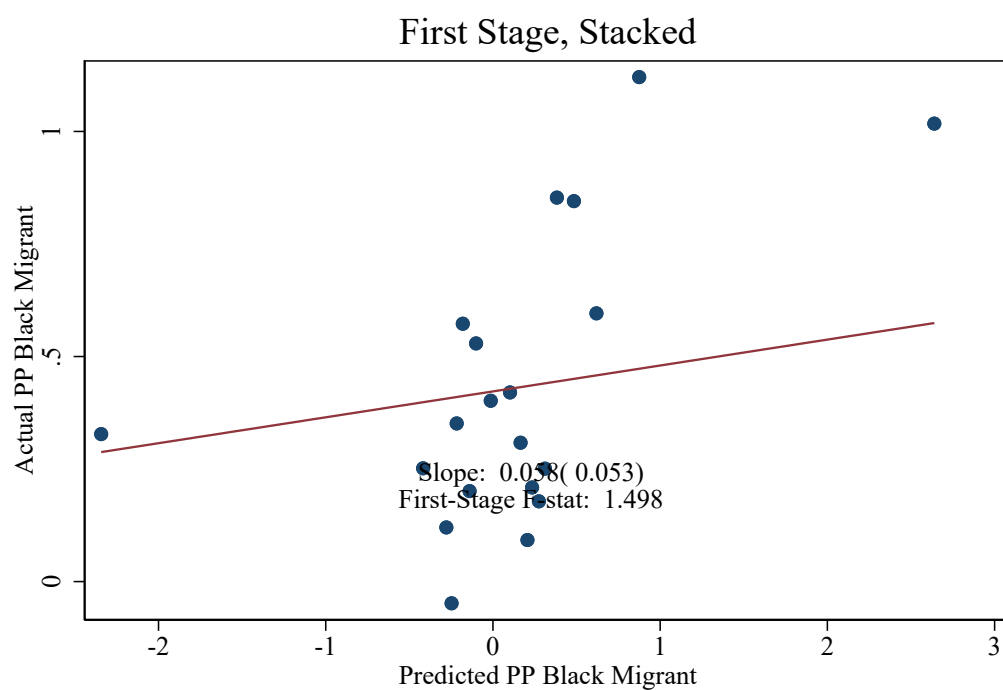




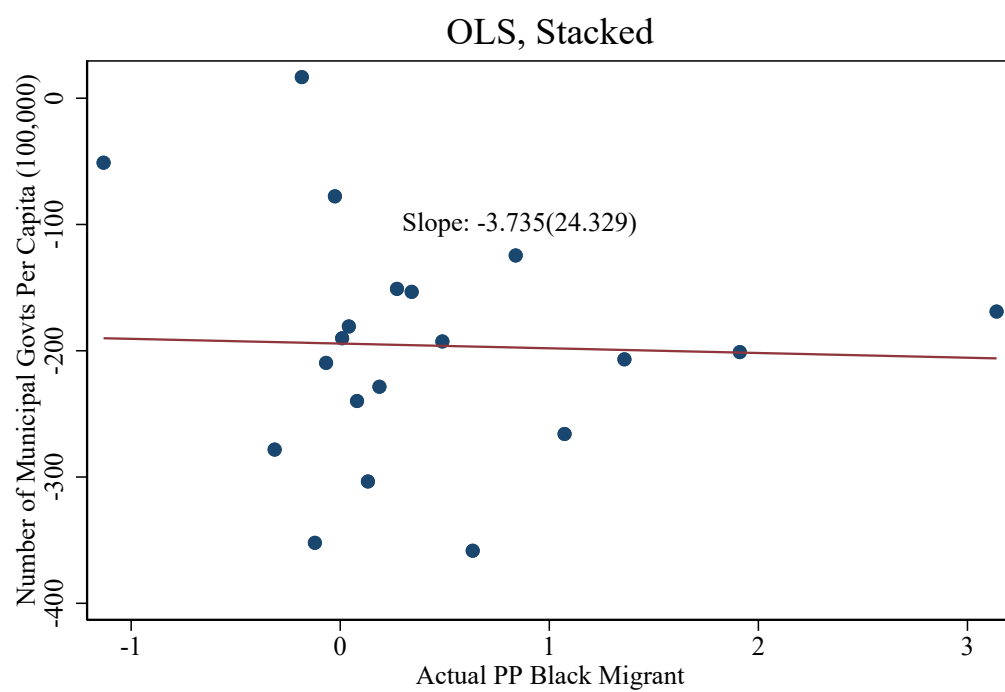
4.3 Municipal Governments, Per Capita

Table 15: Dererencourt Table Two with y=Number of Municipal Govts Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Total Population

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp_totpop	0.0575 (0.0534)		13.12 (19.66)	
GM_raw_pp_totpop		-3.735 (24.33)		228.0 (326.7)
F-Stat	1.498			
Observations	639	639	639	639
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

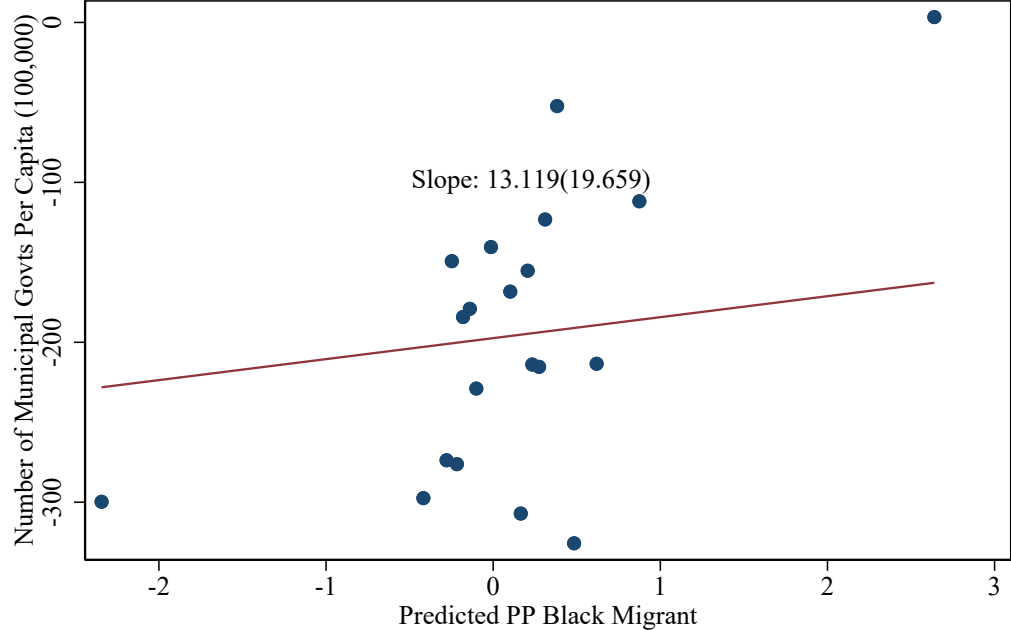


Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population.



Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population

Reduced Form, Stacked

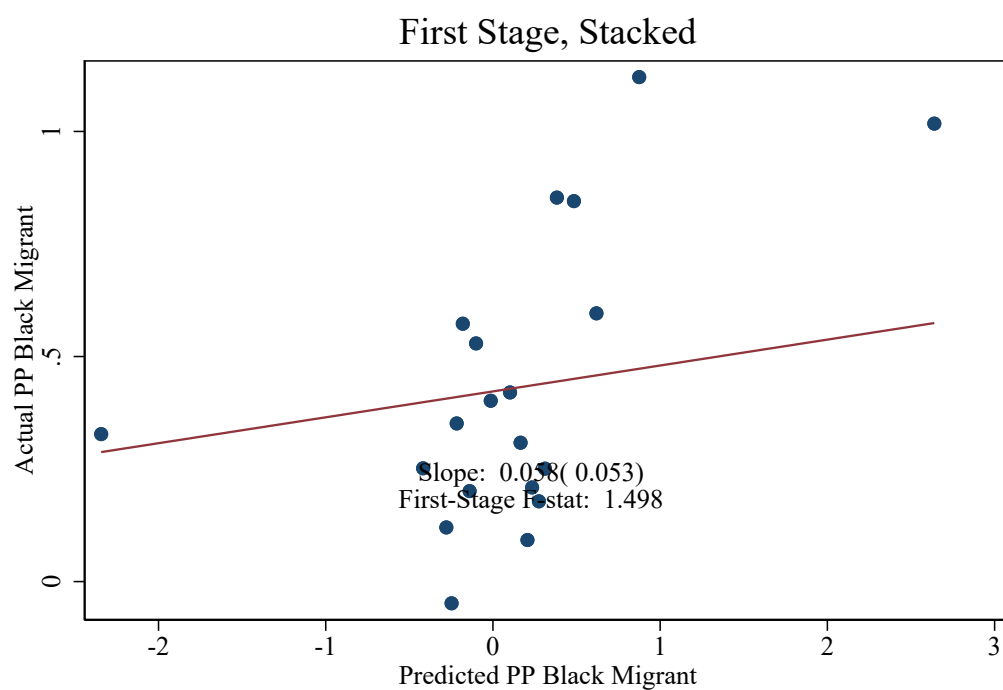


Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population

4.4 School Districts, Per Capita

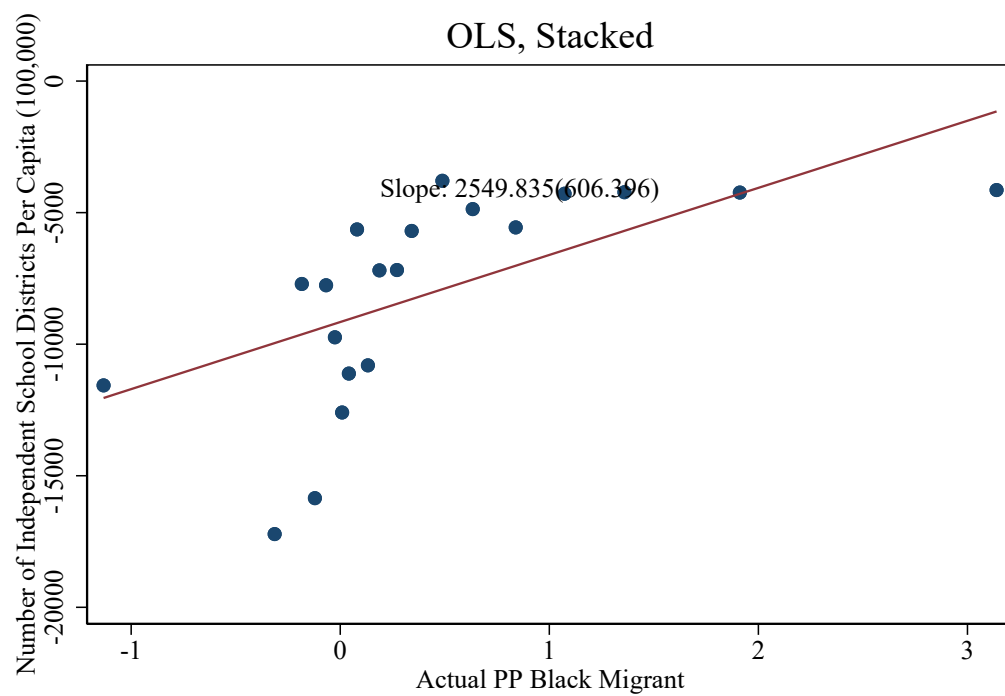
Table 16: Dererencourt Table Two with y=Number of Independent School Districts Per Capita (100,000) Pooled, Census Region and Decade FEs controls, Total Population

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_hat_raw_pp_totpop	0.0575 (0.0534)		548.4 (348.3)	
GM_raw_pp_totpop		2549.8*** (606.4)		9530.8 (7859.9)
F-Stat	1.498			
Observations	639	639	639	639
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

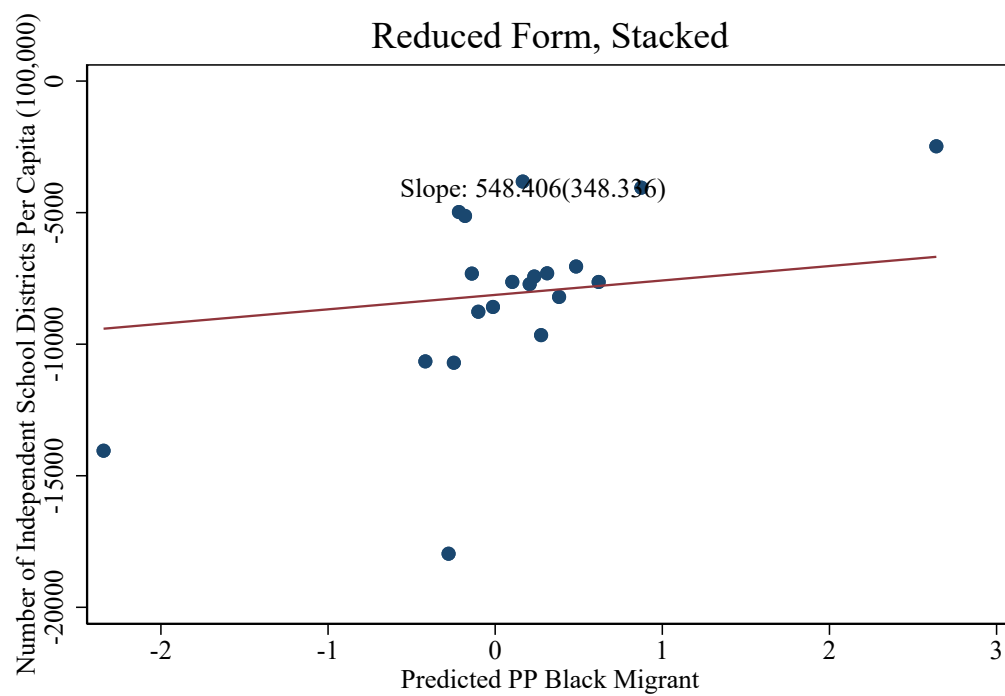


Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population.





Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population



Data at CZ-decade level, 1940-70 sample, with Census Region and Decade FEs controls, Total Population