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IN THE SOCIAL SCIENCES

# Combined Regression Results

## Causal Evidence

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PRELIMINARY—Please do not cite.

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- Naive OLS results
- First stage
- 2SLS
- Exclusion Restriction

## Naive OLS Regression

VARIABLES	(1) Cites	(2) Cites	(3) Cites	(4) Cites
Data and Code Available	9.987 (7.273)	51.543*** (7.293)	39.973*** (7.444)	48.411*** (8.537)
AER		-120.460*** (8.056)	-116.065*** (8.027)	-131.593*** (10.064)
AJPS		-111.339*** (10.843)	-111.823*** (10.770)	-112.600*** (13.334)
APSR		-99.001*** (11.390)	-91.782*** (11.374)	-91.567*** (15.078)
Months since Pub'd		1.076 (1.331)	1.076 (1.322)	1.881 (1.698)
Months since Pub'd <sup>2</sup>		-0.002 (0.012)	-0.002 (0.012)	-0.009 (0.015)
Months since Pub'd <sup>3</sup>		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
No Data in Article			-40.739*** (6.041)	
Constant	85.175*** (3.050)	53.439 (47.793)	63.913 (47.493)	23.307 (60.656)
Observations	3,002	3,002	2,999	2,210
R-squared	0.001	0.147	0.159	0.161
Sample	All	All	All	Data-Only

Standard errors in parentheses

## Naive OLS Regression

VARIABLES	(1) Cites	(2) Cites	(3) Cites	(4) Cites
Data and Code Available	9.987 (7.273)	51.543*** (7.293)	39.973*** (7.444)	48.411*** (8.537)
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R-squared	0.001	0.147	0.159	0.161
Sample	All	All	All	Data-Only

Standard errors in parentheses

## Naive OLS Regression

VARIABLES	(1) Cites	(2) Cites	(3) Cites	(4) Cites
Data and Code Available	9.987 (7.273)	50.938*** (7.314)	39.506*** (7.466)	47.474*** (8.577)
AER		-120.129*** (8.066)	-115.751*** (8.038)	-131.048*** (10.092)
AJPS		-168.016*** (17.630)	-165.733*** (17.517)	-187.757*** (22.034)
APSR		-156.125*** (17.802)	-146.573*** (17.742)	-167.978*** (22.656)
2001b.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2001b.year#1.econ		109.594*** (13.142)	110.134*** (13.054)	144.505*** (17.472)
2002o.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2002.year#1.econ		87.419*** (12.840)	87.735*** (12.754)	111.725*** (17.004)
2003o.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2003.year#1.econ		87.329*** (12.754)	83.181*** (12.683)	96.332*** (16.198)
2004o.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2004.year#1.econ		70.913***	69.310***	82.868***

## Naive OLS Regression

VARIABLES	(1) Cites	(2) Cites	(3) Cites	(4) Cites
avail_data	32.981*** (6.415)	66.702*** (6.403)	56.310*** (6.646)	64.644*** (7.610)
AER		-118.736*** (7.980)	-115.393*** (7.967)	-130.622*** (9.968)
AJPS		-109.664*** (10.737)	-110.354*** (10.693)	-109.964*** (13.220)
APSR		-92.202*** (11.314)	-87.006*** (11.314)	-84.833*** (14.979)
Months since Pub'd		1.219 (1.316)	1.223 (1.310)	2.096 (1.679)
Months since Pub'd <sup>2</sup>		-0.003 (0.012)	-0.003 (0.012)	-0.010 (0.015)
Months since Pub'd <sup>3</sup>		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
No Data in Article			-33.643*** (6.085)	
Constant	77.779*** (3.086)	33.591 (47.191)	43.462 (47.020)	-2.050 (59.868)
Observations	3,069	3,002	2,999	2,210
R-squared	0.009	0.163	0.171	0.176
Sample	All	All	All	Data-Only

Standard errors in parentheses



## Naive OLS Regression

VARIABLES	(1) Cites	(2) Cites	(3) Cites	(4) Cites
avail_data	32.981*** (6.415)	66.169*** (6.414)	55.931*** (6.659)	63.714*** (7.632)
AER		-118.431*** (7.990)	-115.107*** (7.979)	-130.045*** (9.998)
AJPS		-169.543*** (17.320)	-168.117*** (17.249)	-189.825*** (21.606)
APSR		-152.555*** (17.561)	-145.631*** (17.534)	-165.964*** (22.313)
2001b.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2001b.year#1.econ		116.199*** (13.041)	115.917*** (12.985)	152.731*** (17.358)
2002o.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2002.year#1.econ		93.256*** (12.736)	92.883*** (12.681)	118.860*** (16.883)
2003o.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2003.year#1.econ		92.430*** (12.645)	88.477*** (12.611)	103.135*** (16.082)
2004o.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2004.year#1.econ		73.409***	71.916***	86.294***

VARIABLES	Naive OLS Regression			
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AER		-120.460*** (8.056)	-116.065*** (8.027)	-131.593*** (10.064)
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APSR		-99.001*** (11.390)	-91.782*** (11.374)	-91.567*** (15.078)
No Data in Article			-40.739*** (6.041)	
Observations	3,002	3,002	2,999	2,210
R-squared	0.001	0.147	0.159	0.161
Sample	All	All	All	Data-Only

Standard errors in parentheses

\*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ 

Regressions include constant, squared and cubed months since publication.

Naive OLS Regression				
VARIABLES	(1) Cites	(2) Cites	(3) Cites	(4) Cites
Data and Code Available	9.987 (7.273)	50.938*** (7.314)	39.506*** (7.466)	47.474*** (8.577)
AER		-120.129*** (8.066)	-115.751*** (8.038)	-131.048*** (10.092)
AJPS		-168.016*** (17.630)	-165.733*** (17.517)	-187.757*** (22.034)
APSR		-156.125*** (17.802)	-146.573*** (17.742)	-167.978*** (22.656)
2009o.year#1o.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2014o.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
No Data in Article			-40.474*** (6.090)	
Observations	3,002	3,002	2,999	2,210
R-squared	0.001	0.149	0.161	0.163
Sample	All	All	All	Data-Only

Standard errors in parentheses

\*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ 

Regressions include constant, squared and cubed months since publication.

## Naive OLS Regression

VARIABLES	(1) Cites	(2) Cites	(3) Cites	(4) Cites
avail_data	32.981*** (6.415)	66.702*** (6.403)	56.310*** (6.646)	64.644*** (7.610)
AER		-118.736*** (7.980)	-115.393*** (7.967)	-130.622*** (9.968)
AJPS		-109.664*** (10.737)	-110.354*** (10.693)	-109.964*** (13.220)
APSR		-92.202*** (11.314)	-87.006*** (11.314)	-84.833*** (14.979)
No Data in Article			-33.643*** (6.085)	
Observations	3,069	3,002	2,999	2,210
R-squared	0.009	0.163	0.171	0.176
Sample	All	All	All	Data-Only

Standard errors in parentheses

\*\*\* p&lt;0.01, \*\* p&lt;0.05, \* p&lt;0.1

Regressions include constant, squared and cubed months since publication.

Naive OLS Regression				
VARIABLES	(1) Cites	(2) Cites	(3) Cites	(4) Cites
avail_data	32.981*** (6.415)	66.169*** (6.414)	55.931*** (6.659)	63.714*** (7.632)
AER		-118.431*** (7.990)	-115.107*** (7.979)	-130.045*** (9.998)
AJPS		-169.543*** (17.320)	-168.117*** (17.249)	-189.825*** (21.606)
APSR		-152.555*** (17.561)	-145.631*** (17.534)	-165.964*** (22.313)
2009o.year#1o.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2014o.year#0b.econ		0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
No Data in Article			-33.315*** (6.135)	
Observations	3,069	3,002	2,999	2,210
R-squared	0.009	0.165	0.173	0.177
Sample	All	All	All	Data-Only


Standard errors in parentheses

\*\*\* p&lt;0.01, \*\* p&lt;0.05, \* p&lt;0.1

Regressions include constant, squared and cubed months since publication.

## Naive OLS Regression

VARIABLES	(1) Ln(Cites+1)	(2) Ln(Cites+1)	(3) Ln(Cites+1)	(4) Ln(Cites+1)
Data and Code Available	0.261*** (0.063)	0.764*** (0.061)	0.574*** (0.060)	0.595*** (0.059)
AER		-1.191*** (0.067)	-1.120*** (0.065)	-1.134*** (0.069)
AJPS		-0.906*** (0.090)	-0.916*** (0.087)	-0.829*** (0.091)
APSR		-0.726*** (0.095)	-0.600*** (0.092)	-0.440*** (0.103)
Months since Pub'd		0.064*** (0.011)	0.064*** (0.011)	0.076*** (0.012)
No Data in Article			-0.655*** (0.049)	
Observations	3,002	3,002	2,999	2,210
R-squared	0.006	0.218	0.262	0.255
Sample	All	All	All	Data-Only

Standard errors in parentheses 

VARIABLES	(1) First Stage	(2) First Stage	(3) First Stage
AER post-2005 Policy	0.047 (0.039)	0.074 (0.056)	0.112** (0.050)
AJPS post-2010 Policy	0.196*** (0.058)	0.250** (0.118)	0.220*** (0.077)
AJPS post-2012 Policy	0.266*** (0.065)	-0.314** (0.148)	0.288*** (0.083)
Observations	3,123	3,118	2,238
R-squared	0.174	0.246	0.195
Sample	All	IV=Data-Only	Data-Only
F Stat	27.67	13.97	20.54

Standard errors in parentheses

\*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ 

Controls cut for space

## 2SLS Regression

VARIABLES	(1) 2SLS	(2) 2SLS	(3) 2SLS
Data and Code Available	18.362 (44.688)	20.128 (37.725)	94.212* (51.734)
AER	-119.611*** (8.083)	-116.700*** (8.109)	-133.213*** (10.379)
AJPS	-112.786*** (31.758)	-110.504*** (31.383)	-119.329*** (38.715)
APSR	-106.728*** (32.073)	-95.255*** (31.577)	-90.197** (39.872)
Post-Mar 2005	-31.531** (12.663)	30.927* (16.945)	-30.192* (16.399)
Post-2005 with Data		-73.513*** (15.879)	
Post-Oct 2010	-3.162 (16.553)	17.291 (28.710)	-1.049 (20.791)
Post-2010 with Data		-26.449 (29.504)	
Post-July 2012	-0.259 (22.629)	5.808 (31.977)	-6.046 (27.430)
Post-2012 with Data		-5.256 (27.305)	
No Data in Article		-120.641*** (20.167)	



## 2SLS Regression

VARIABLES	(1) 2SLS	(2) 2SLS	(3) 2SLS
Data and Code Available	14.011 (44.578)	16.675 (38.394)	90.180* (52.857)
AER	-119.193*** (8.090)	-116.182*** (8.122)	-132.455*** (10.381)
AJPS	-151.221*** (26.611)	-154.523*** (24.068)	-211.069*** (36.106)
APSR	-145.983*** (20.965)	-140.066*** (20.525)	-182.668*** (29.729)
Post-Mar 2005	-43.278* (25.621)	21.212 (28.237)	-41.589 (31.019)
Post-2005 with Data		-72.401*** (15.934)	
Post-Oct 2010	-14.620 (45.928)	5.779 (50.075)	-33.848 (59.706)
Post-2010 with Data		-27.022 (30.243)	
Post-July 2012	-7.090 (28.136)	-3.431 (37.089)	-12.575 (33.849)
Post-2012 with Data		-4.955 (27.530)	
2009o.year#1o.econ	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2014o.year#0b.econ	0.000	0.000	0.000

## 2SLS Regression

VARIABLES	(1) 2SLS	(2) 2SLS	(3) 2SLS
avail_data	32.686 (41.539)	29.679 (36.022)	108.204** (45.246)
AER	-118.867*** (8.028)	-116.456*** (7.962)	-131.005*** (10.061)
AJPS	-114.162*** (31.550)	-111.425*** (31.228)	-122.446*** (38.433)
APSR	-104.172*** (31.835)	-94.241*** (31.338)	-88.575** (39.253)
Post-Mar 2005	-30.324** (12.584)	33.883* (17.478)	-26.875* (16.133)
Post-2005 with Data		-76.446*** (16.112)	
Post-Oct 2010	-5.367 (16.514)	17.543 (28.438)	-11.406 (20.421)
Post-2010 with Data		-29.361 (29.684)	
Post-July 2012	-0.204 (22.369)	5.399 (31.771)	-4.113 (27.092)
Post-2012 with Data		-4.591 (26.966)	
No Data in Article		-120.700*** (19.822)	

## 2SLS Regression

VARIABLES	(1) 2SLS	(2) 2SLS	(3) 2SLS
avail_data	26.184 (41.070)	25.169 (36.314)	99.822** (45.343)
AER	-118.655*** (8.036)	-116.039*** (7.979)	-130.388*** (10.049)
AJPS	-154.656*** (23.056)	-156.115*** (21.360)	-205.842*** (29.313)
APSR	-146.167*** (18.536)	-139.979*** (18.633)	-173.852*** (24.874)
Post-Mar 2005	-38.004 (26.856)	27.863 (30.564)	-24.314 (31.673)
Post-2005 with Data		-75.011*** (16.173)	
Post-Oct 2010	-16.412 (45.424)	6.460 (49.724)	-33.747 (58.582)
Post-2010 with Data		-29.350 (30.380)	
Post-July 2012	-6.311 (27.919)	-3.244 (36.890)	-8.831 (33.427)
Post-2012 with Data		-4.452 (27.281)	
2009o.year#1o.econ	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)
2014o.year#0b.econ	0.000	0.000	0.000

## 2SLS Regression

VARIABLES	(1) 2SLS	(2) 2SLS	(3) 2SLS
Data and Code Available	18.362 (44.688)	20.128 (37.725)	94.212* (51.734)
AER	-119.611*** (8.083)	-116.700*** (8.109)	-133.213*** (10.379)
AJPS	-112.786*** (31.758)	-110.504*** (31.383)	-119.329*** (38.715)
APSR	-106.728*** (32.073)	-95.255*** (31.577)	-90.197** (39.872)
Months since Pub'd	1.275 (2.459)	1.665 (2.409)	3.297 (3.158)
No Data in Article		-120.641*** (20.167)	
Observations	3,002	2,999	2,210
R-squared	0.143	0.167	0.152
Sample	All	IV=Data-Only	Data-Only

Standard errors in parentheses

\*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$

2SLS Regression of  $\ln(\text{citations}+1)$ 

VARIABLES	(1) 2SLS-Log	(2) 2SLS-Log	(3) 2SLS-Log
Data and Code Available	-0.139 (0.383)	0.213 (0.308)	0.389 (0.353)
AER	-1.177*** (0.069)	-1.118*** (0.066)	-1.121*** (0.071)
AJPS	-0.729*** (0.272)	-0.689*** (0.256)	-0.877*** (0.264)
APSR	-0.733*** (0.275)	-0.381 (0.258)	-0.524* (0.272)
Post-Mar 2005	-0.197* (0.109)	-0.007 (0.138)	-0.144 (0.112)
Post-Oct 2010	0.089 (0.142)	0.448* (0.234)	-0.069 (0.142)
Post-July 2012	0.061 (0.194)	0.178 (0.261)	0.012 (0.187)
Post-2005 with Data		-0.121 (0.130)	
Post-2010 with Data		-0.412* (0.241)	
Post-2012 with Data		-0.104 (0.223)	
Months since Pub'd	0.062*** (0.021)	0.072*** (0.020)	0.073*** (0.022)
No Data in Article		-1.234*** (0.165)	
Observations	3,002	2,999	2,210
R-squared	0.161	0.257	0.252
Sample	All	IV=Data-Only	Data-Only

Standard errors in parentheses

\*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$

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VARIABLES	(1) 2SLS-Log	(2) 2SLS-Log	(3) 2SLS-Log
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AJPS	-0.729*** (0.272)	-0.689*** (0.256)	-0.877*** (0.264)
APSR	-0.733*** (0.275)	-0.381 (0.258)	-0.524* (0.272)
Months since Pub'd	0.062*** (0.021)	0.072*** (0.020)	0.073*** (0.022)
No Data in Article		-1.234*** (0.165)	
Observations	3,002	2,999	2,210
R-squared	0.161	0.257	0.252
Sample	All	IV=Data-Only	Data-Only

Standard errors in parentheses

\*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$

VARIABLES	(1) Experimental	(2) Observational	(3) Top 10	(4) Top 20	(5) Top 50
AER post-2005 Policy	0.060 (0.042)	-0.076* (0.046)	-0.127*** (0.041)	-0.084* (0.046)	-0.001 (0.048)
AJPS post-2010 Policy	0.098 (0.065)	-0.096 (0.070)	0.070 (0.064)	0.086 (0.071)	0.067 (0.074)
AJPS post-2012 Policy	-0.102 (0.070)	0.089 (0.076)	0.012 (0.069)	0.005 (0.077)	0.065 (0.080)
Observations	2,238	2,238	2,231	2,231	2,231
R-squared	0.015	0.011	0.017	0.009	0.075
Sample	Data-Only	Data-Only	Data-Only	Data-Only	Data-Only

Standard errors in parentheses

\*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ 

Controls dropped for space