

Political competition and public procurement outcomes:

Online Appendix

Table A1. Swedish municipalities and one-party rule

Municipality		Municipality		Municipality	
Ale	<i>Turnover</i>	Essunga	<i>Shift 2011</i>	Hylte	<i>Turnover</i>
Alingsås	<i>Turnover</i>	Fagersta	<i>Turnover</i>	Järfälla	<i>Turnover</i>
Älmhult	<i>Turnover</i>	Falkenberg	<i>Turnover</i>	Jokkmokk	<i>Turnover</i>
Älvdalen	<i>Turnover</i>	Falköping	<i>Turnover</i>	Jönköping	<i>Turnover</i>
Alvesta	<i>Turnover</i>	Falun	<i>Turnover</i>	Kalix	<i>Turnover</i>
Älvkarleby	<i>One-party rule</i>	Färgelanda	<i>Turnover</i>	Kalmar	<i>Turnover</i>
Älvsbyn	<i>One-party rule</i>	Filipstad	<i>One-party rule</i>	Karlsborg	<i>Turnover</i>
Åmål	<i>Turnover</i>	Finspång	<i>Turnover</i>	Karlshamn	<i>One-party rule</i>
Aneby	<i>Turnover</i>	Flen	<i>Turnover</i>	Karlskoga	<i>One-party rule</i>
Ånge	<i>One-party rule</i>	Forshaga	<i>Turnover</i>	Karlskrona	<i>Turnover</i>
Ängelholm	<i>Turnover</i>	Gagnef	<i>Turnover</i>	Karlstad	<i>Turnover</i>
Arboga	<i>One-party rule</i>	Gällivare	<i>Shift 2015</i>	Katrineholm	<i>One-party rule</i>
Åre	<i>Turnover</i>	Gävle	<i>One-party rule</i>	Kävlinge	<i>Turnover</i>
Årjäng	<i>Shift 2014</i>	Gislaved	<i>Turnover</i>	Kil	<i>Turnover</i>
Arjeplog	<i>Turnover</i>	Gnesta	<i>Turnover</i>	Kinda	<i>Turnover</i>
Arvidsjaur	<i>One-party rule</i>	Gnosjö	<i>Turnover</i>	Kiruna	<i>Turnover</i>
Arvika	<i>Turnover</i>	Göteborg	<i>Turnover</i>	Klippan	<i>Turnover</i>
Åsele	<i>Turnover</i>	Götene	<i>Turnover</i>	Knivsta	<i>Turnover</i>
Askersund	<i>Turnover</i>	Gotland	<i>Turnover</i>	Köping	<i>One-party rule</i>
Åstorp	<i>Turnover</i>	Grästorp	<i>Turnover</i>	Kramfors	<i>One-party rule</i>
Åtvidaberg	<i>Turnover</i>	Grums	<i>One-party rule</i>	Kristianstad	<i>Turnover</i>
Avesta	<i>Turnover</i>	Gullspång	<i>Turnover</i>	Kristinehamn	<i>Turnover</i>
Båstad	<i>Turnover</i>	Habo	<i>Turnover</i>	Krokom	<i>Turnover</i>
Bengtstors	<i>Turnover</i>	Håbo	<i>Turnover</i>	Kumla	<i>One-party rule</i>
Berg	<i>Turnover</i>	Hagfors	<i>Turnover</i>	Kungalv	<i>Turnover</i>
Bjurholm	<i>Turnover</i>	Hällefors	<i>One-party rule</i>	Kungsbacka	<i>Turnover</i>
Bjuv	<i>Turnover</i>	Hallsberg	<i>One-party rule</i>	Kungsör	<i>Turnover</i>
Boden	<i>Turnover</i>	Hallstahammar	<i>One-party rule</i>	Laholm	<i>Turnover</i>
Bollebygd	<i>Turnover</i>	Halmstad	<i>Turnover</i>	Landskrona	<i>Turnover</i>
Bollnäs	<i>Turnover</i>	Hammarö	<i>Shift 2011</i>	Laxå	<i>Shift 2015</i>
Borås	<i>Turnover</i>	Haninge	<i>Turnover</i>	Lekeberg	<i>Turnover</i>
Borgholm	<i>Turnover</i>	Haparanda	<i>One-party rule</i>	Leksand	<i>One-party rule</i>
Borlänge	<i>One-party rule</i>	Härjedalen	<i>One-party rule</i>	Lerum	<i>Turnover</i>
Botkyrka	<i>Turnover</i>	Härnösand	<i>Turnover</i>	Lessebo	<i>One-party rule</i>
Boxholm	<i>One-party rule</i>	Härreda	<i>Turnover</i>	Lidingö	<i>One-party rule</i>
Bräcke	<i>One-party rule</i>	Hässleholm	<i>Turnover</i>	Lidköping	<i>Turnover</i>
Bromölla	<i>One-party rule</i>	Heby	<i>Turnover</i>	Lilla Edet	<i>Turnover</i>
Burlöv	<i>One-party rule</i>	Hedemora	<i>Turnover</i>	Lindesberg	<i>Turnover</i>
Dals-Ed	<i>One-party rule</i>	Helsingborg	<i>Turnover</i>	Linköping	<i>Turnover</i>
Danderyd	<i>One-party rule</i>	Herrljunga	<i>Shift 2014</i>	Ljungby	<i>Turnover</i>
Degerfors	<i>Turnover</i>	Hjo	<i>Turnover</i>	Ljusdal	<i>Turnover</i>
Dorotea	<i>Turnover</i>	Hofors	<i>One-party rule</i>	Ljusnarsberg	<i>One-party rule</i>
Eda	<i>Turnover</i>	Höganäs	<i>Turnover</i>	Lomma	<i>Turnover</i>
Ekerö	<i>Turnover</i>	Högsby	<i>Turnover</i>	Ludvika	<i>One-party rule</i>
Eksjö	<i>Turnover</i>	Höör	<i>Turnover</i>	Luleå	<i>One-party rule</i>
Emmaboda	<i>Turnover</i>	Hörby	<i>Turnover</i>	Lund	<i>Turnover</i>
Enköping	<i>Turnover</i>	Huddinge	<i>Turnover</i>	Lycksele	<i>One-party rule</i>
Eskilstuna	<i>One-party rule</i>	Hudiksvall	<i>Turnover</i>	Lysekil	<i>Turnover</i>
Eslöv	<i>Turnover</i>	Hultsfred	<i>Turnover</i>	Malå	<i>Turnover</i>

(continued on next page)

(Table A1, continued)

Municipality		Municipality		Municipality	
Malmö	Turnover	Partille	Turnover	Tibro	Shift 2015
Malung-Sälen	Turnover	Perstorp	Turnover	Tidaholm	Turnover
Mariestad	Turnover	Piteå	One-party rule	Tierp	One-party rule
Mark	Turnover	Ragunda	One-party rule	Timrå	Turnover
Markaryd	Turnover	Rättvik	Turnover	Tingsryd	Turnover
Mellerud	Shift 2015	Robertsfors	Turnover	Tjörn	Turnover
Mjölby	Turnover	Ronneby	Shift 2011	Tomelilla	Turnover
Mölnadal	Turnover	Säffle	One-party rule	Töreboda	Turnover
Mönsterås	Turnover	Sala	Turnover	Torsås	Turnover
Mora	Turnover	Salem	One-party rule	Torsby	Turnover
Mörbylånga	Turnover	Sandviken	One-party rule	Tranås	Turnover
Motala	Turnover	Säter	Turnover	Tranemo	One-party rule
Mullsjö	Turnover	Sävsjö	Turnover	Trelleborg	Turnover
Munkedal	Turnover	Sigtuna	Turnover	Trollhättan	One-party rule
Munkfors	One-party rule	Simrishamn	Turnover	Trosa	Turnover
Nacka	One-party rule	Sjöbo	Turnover	Tyresö	Turnover
Nässjö	Turnover	Skara	Turnover	Uddevalla	Turnover
Nora	Turnover	Skellefteå	One-party rule	Ulricehamn	Turnover
Norberg	Turnover	Skinnskatteberg	Turnover	Umeå	Turnover
Nordanstig	Turnover	Skövde	Turnover	Upplands Väsby	Turnover
Nordmaling	Turnover	Skurup	Turnover	Upplands-Bro	Turnover
Norrköping	Turnover	Smedjebacken	One-party rule	Uppsala	Turnover
Norrälje	Turnover	Söderhamn	One-party rule	Uppvidinge	Turnover
Norsjö	Turnover	Söderköping	Turnover	Vadstena	Turnover
Nybro	Turnover	Södertälje	Turnover	Vaggeryd	Turnover
Nyköping	Turnover	Sollefteå	One-party rule	Valdemarsvik	Turnover
Nykvarn	Turnover	Sollentuna	Turnover	Vallentuna	Turnover
Nynäshamn	One-party rule	Solna	Turnover	Vänersborg	Turnover
Ockelbo	One-party rule	Sölvesborg	Turnover	Vännäs	Turnover
Öckerö	Turnover	Sorsele	Turnover	Vansbro	Turnover
Ödeshög	Turnover	Sotenäs	Turnover	Vara	Turnover
Olofström	One-party rule	Staffanstorps	Turnover	Varberg	Turnover
Örebro	Turnover	Stenungsund	Turnover	Värgårda	Shift 2011
Örkelljunga	Turnover	Stockholm	Turnover	Värmdö	Turnover
Örnsköldsvik	One-party rule	Storfors	One-party rule	Värnamo	One-party rule
Orsa	Turnover	Storuman	Turnover	Västerås	Turnover
Orust	Turnover	Strängnäs	Turnover	Västervik	Turnover
Osby	Turnover	Strömstad	Turnover	Vaxholm	Turnover
Oskarshamn	One-party rule	Strömsund	Turnover	Växjö	Turnover
Österåker	Turnover	Sundbyberg	Turnover	Vellinge	Turnover
Östersund	Turnover	Sundsvall	Shift 2011	Vetlanda	Shift 2011
Östhammar	Turnover	Sunne	Shift 2015	Vilhelmina	Turnover
Östra Göinge	Shift 2011	Surahammar	One-party rule	Vimmerby	Shift 2011
Ovanåker	Turnover	Svalöv	Turnover	Vindeln	Turnover
Överkalix	Shift 2015	Svedala	Turnover	Vingåker	Turnover
Övertorneå	Turnover	Svenljunga	Shift 2015	Ydre	One-party rule
Oxelösund	One-party rule	Täby	Turnover	Ystad	Turnover
Pajala	Turnover	Tanum	Turnover		

Note: Data from Dagens Samhälle #38 (2013), complemented by authors' own checks for shifts before and after 2013.

Table A2. Descriptive statistics

	Cross-sectional sample (2011/14)					Panel sample (2009-15)				
	N	mean	sd	min	max	N	mean	sd	min	max
Single bidding ratio	275	12.21	7.74	0.00	41.67	1901	12.51	14.88	0	100
One-party rule	275	0.23	0.42	0	1	1901	0.23	0.42	0	1
New ruling party						1901	0.29	0.45	0	1
Reelected once						1901	0.18	0.39	0	1
Reelected twice or more						1901	0.53	0.50	0	1
<i>Population</i>										
<5,000	275	0.04	0.20	0	1	1901	0.05	0.21	0	1
5-10,000	275	0.19	0.39	0	1	1901	0.19	0.39	0	1
10-15,000	275	0.22	0.41	0	1	1901	0.22	0.41	0	1
15-30,000	275	0.25	0.44	0	1	1901	0.25	0.43	0	1
30-250,000	275	0.28	0.45	0	1	1901	0.29	0.45	0	1
>250,000	275	0.01	0.10	0	1	1901	0.01	0.10	0	1
Area (log)	275	6.49	1.27	2.16	9.87	1901	6.49	1.26	2.16	9.87
Median income	275	226.31	22.73	180.30	303.55	1901	223.94	24.67	168.10	324.10
<i>Mayoral party</i>										
Social Democrats	275	0.47	0.50	0	1	1901	0.48	0.50	0	1
Moderates	275	0.34	0.48	0	1	1901	0.31	0.46	0	1
Center Party	275	0.15	0.36	0	1	1901	0.15	0.36	0	1
Christian Democrats	275	0.01	0.12	0	1	1901	0.02	0.12	0	1
Liberals	275	0.02	0.13	0	1	1901	0.02	0.13	0	1
Left Party	275	0.01	0.09	0	1	1901	0.01	0.09	0	1
Other, local party	275	0.00	0.06	0	1	1901	0.01	0.10	0	1
<i>County</i>										
Stockholm	275	0.09	0.29	0	1	1901	0.09	0.29	0	1
Uppsala	275	0.03	0.16	0	1	1901	0.03	0.16	0	1
Södermanland	275	0.03	0.17	0	1	1901	0.03	0.17	0	1
Östergötland	275	0.04	0.20	0	1	1901	0.04	0.20	0	1
Jönköping	275	0.05	0.21	0	1	1901	0.05	0.21	0	1
Kronoberg	275	0.03	0.17	0	1	1901	0.03	0.16	0	1
Kalmar	275	0.04	0.20	0	1	1901	0.04	0.20	0	1
Gotland	275	0.00	0.06	0	1	1901	0.00	0.06	0	1
Blekinge	275	0.02	0.13	0	1	1901	0.02	0.13	0	1
Skåne	275	0.12	0.33	0	1	1901	0.12	0.33	0	1
Halland	275	0.02	0.15	0	1	1901	0.02	0.15	0	1
Västra Götaland	275	0.16	0.37	0	1	1901	0.17	0.37	0	1
Värmland	275	0.06	0.23	0	1	1901	0.06	0.23	0	1
Örebro	275	0.04	0.20	0	1	1901	0.04	0.20	0	1
Västmanland	275	0.03	0.16	0	1	1901	0.03	0.16	0	1
Dalarna	275	0.05	0.23	0	1	1901	0.05	0.22	0	1
Gävleborg	275	0.03	0.16	0	1	1901	0.03	0.16	0	1
Västernorrland	275	0.03	0.16	0	1	1901	0.03	0.16	0	1
Jämtland	275	0.03	0.16	0	1	1901	0.03	0.16	0	1
Västerbotten	275	0.05	0.23	0	1	1901	0.05	0.22	0	1
Norrbotten	275	0.05	0.22	0	1	1901	0.05	0.22	0	1
Discounted number of bids	275	0.21	0.08	0.03	0.49	1901	0.22	0.14	0.01	1
Voteshare, ruling party						1899	34.78	10.63	6.90	67.40
No single bidding						1901	0.29	0.45	0	1
Media influence	275	4.60	0.87	1.93	6.71					
Local press coverage	275	0.56	0.19	0.04	0.96					
Bureaucratic human capital	275	45.26	6.99	31.75	77.00					
Local winner ratio	275	11.63	9.78	0.00	50.00					
Audit chair from majority	275	0.19	0.40	0	1					
Higher education (% of population)	275	0.11	0.04	0.05	0.32					
New ruling party	275	0.25	0.43	0	1					
Reelected once	275	0.23	0.42	0	1					
Reelected twice	275	0.08	0.27	0	1					
Reelected thrice or more	275	0.22	0.42	0	1					

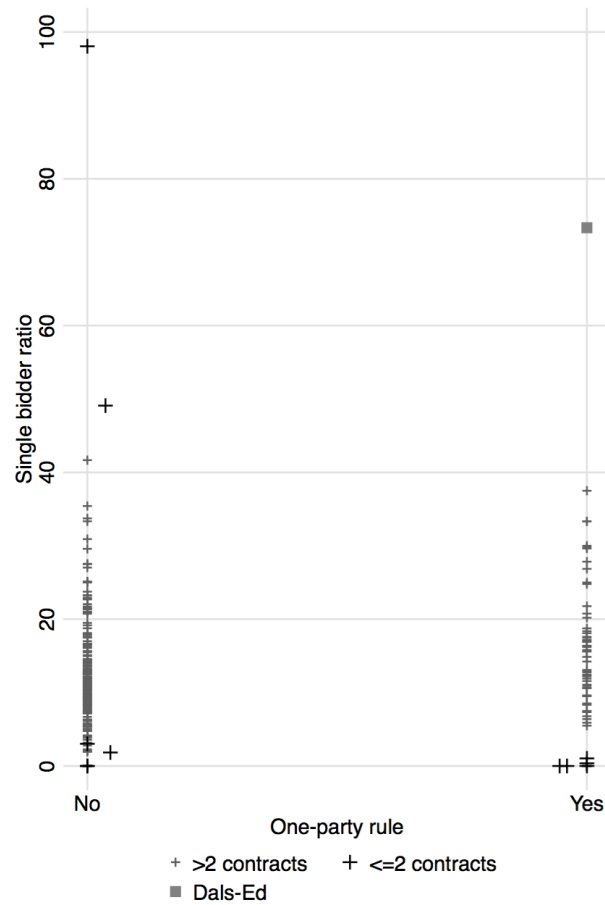


Figure A1. Single bidding ratio and one-party rule, 2011-14. Outlier analysis

Note: Data averaged for the 2011-14 term period. Markers for ≤ 2 contract municipalities have been jittered for increased legibility. Including all municipalities garners a weakly significant ($p=.08$) positive correlation with one-party rule estimated bivariately (positive coefficient, $p=.2$ when the full battery of controls are introduced).

Table A3. Single bidding ratio and one-party rule, contract-level propensity score matching results.

	Raw comparison	Propensity score matching
One-party rule	13.294	13.286
Turnover	11.509	12.035
<i>Difference</i>	-1.785***	-1.251*
95% confidence interval: lower bound	-1.054	-0.273
95% confidence interval: upper bound	-2.516	-2.229
N	56,303	17,680

Note. Propensity score matching using logistic model including common pool support sample only (2 treated contracts excluded due to lack of support), without replacement (psmatch2 package in stata 14.0). Contract level controls included: Contract value, product group (2 digit CPV codes), whether the contract is below or above EU reporting thresholds, the number of contracts awarded per year, and type of municipal buyer (municipal administration or municipal company). *** p<0.001, ** p<0.01, * p<0.05.

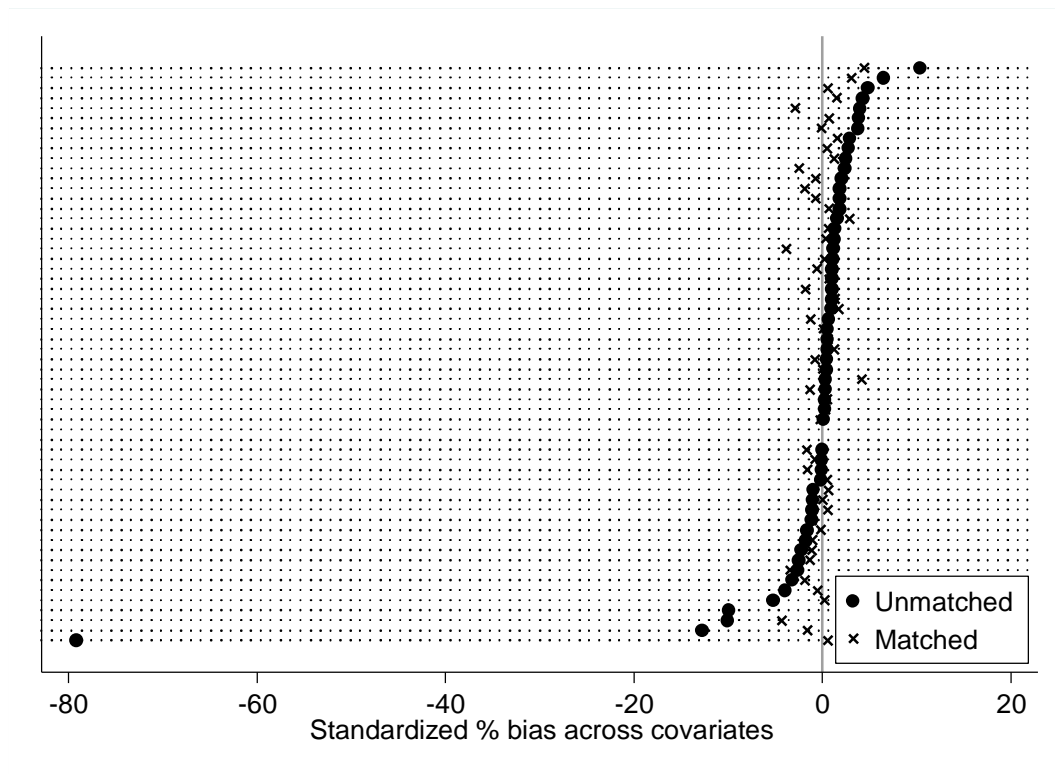


Figure A2. Single bidding ratio and one-party rule, contract-level propensity score matching, comparison of unmatched and matched samples' bias on the covariate level.

Table A4. Single bidding ratio and one-party rule, contract-level propensity score matching, comparison of unmatched and matched samples' overall bias.

Sample	Ps R2	LR chi2	p>chi2	MeanBias	MedBias	B	R	% Var
Unmatched	0.11	5395.24	0	3.8	1.4	81.2*	0.02*	100
Matched	0.002	60.19	0.327	1.3	0.9	11.7	1.01	0

* if $B > 25\%$, R outside $[0.5; 2]$

Table A5. Single bidding ratio and stability (2+ reelections), contract-level propensity score matching results.

	Raw comparison	Propensity score matching
Reelected ruling party (2+ reelections)	12.057	12.576
New ruling party	11.645	11.646
<i>difference</i>	-0.412	-0.930*
95% confidence interval: lower bound	-1.080	-1.697
95% confidence interval: upper bound	0.256	-0.163
N	44,014	27,706

Note. Propensity score matching using logistic model including common pool support sample only (no treated contract excluded due to lack of support), without replacement (psmatch2 package in stata 14.0). Contract level controls included: Contract value, product group (2 digit CPV codes), whether the contract is below or above EU reporting thresholds, the number of contracts awarded per year, and type of municipal buyer (municipal administration or municipal company). *** p<0.001, ** p<0.01, * p<0.05.

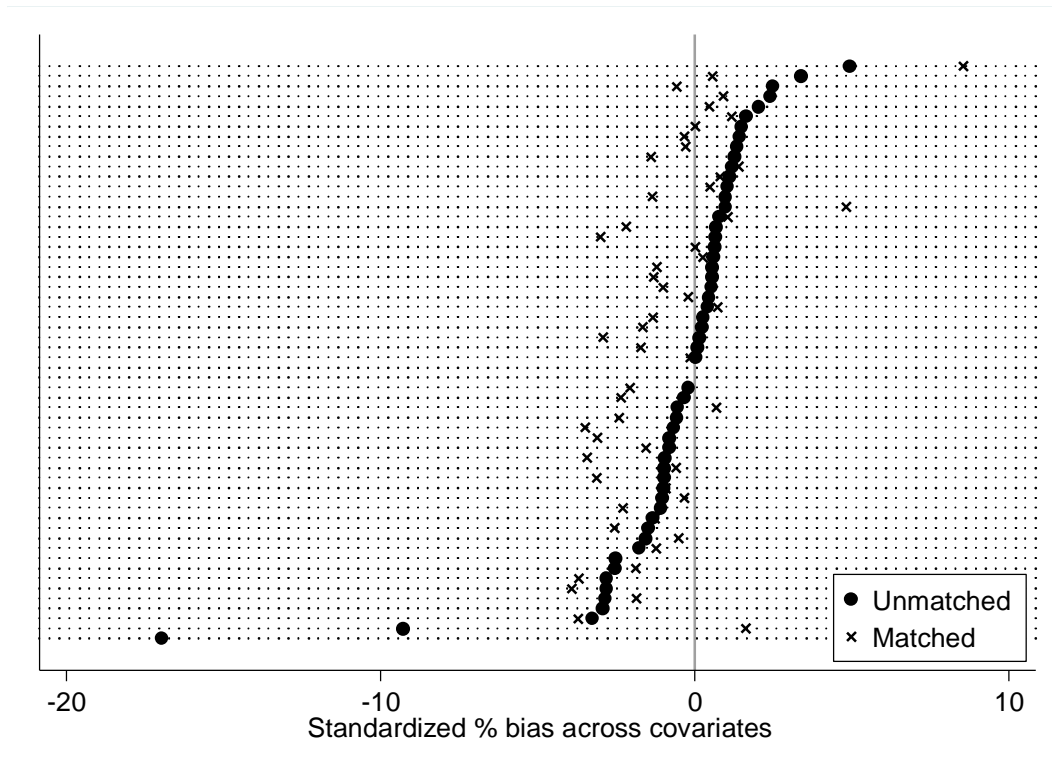


Figure A3. Single bidding ratio and stability (2+ reelections), contract-level propensity score matching, comparison of unmatched and matched samples' bias on the covariate level

Table A6. Single bidding ratio and stability (2+ reelections), contract-level propensity score matching, comparison of unmatched and matched samples' overall bias

Sample	Ps R2	LR chi2	p>chi2	MeanBias	MedBias	B	R	%Var
Unmatched	0.007	355.33	0	1.9	1.2	20.1	0.74	100
Matched	0.008	309.13	0	2.3	1.9	21.2	1.08	100

* if $B > 25\%$, R outside $[0.5; 2]$

Table A7 Single bidding ratio and stability (one reelection), contract-level propensity score matching results.

	Raw comparison	Propensity score matching
Reelected ruling party (1 reelection)	11.128	11.128
New ruling party	11.645	10.720
<i>difference</i>	0.517	-0.408
95% confidence interval: lower bound	-0.266	-1.209
95% confidence interval: upper bound	1.300	0.393
N	51,117	23,244

Note. Propensity score matching using logistic model including common pool support sample only (no treated contract excluded due to lack of support), without replacement (psmatch2 package in stata 14.0). Contract level controls included: Contract value, product group (2 digit CPV codes), whether the contract is below or above EU reporting thresholds, the number of contracts awarded per year, and type of municipal buyer (municipal administration or municipal company). *** p<0.001, ** p<0.01, * p<0.05.

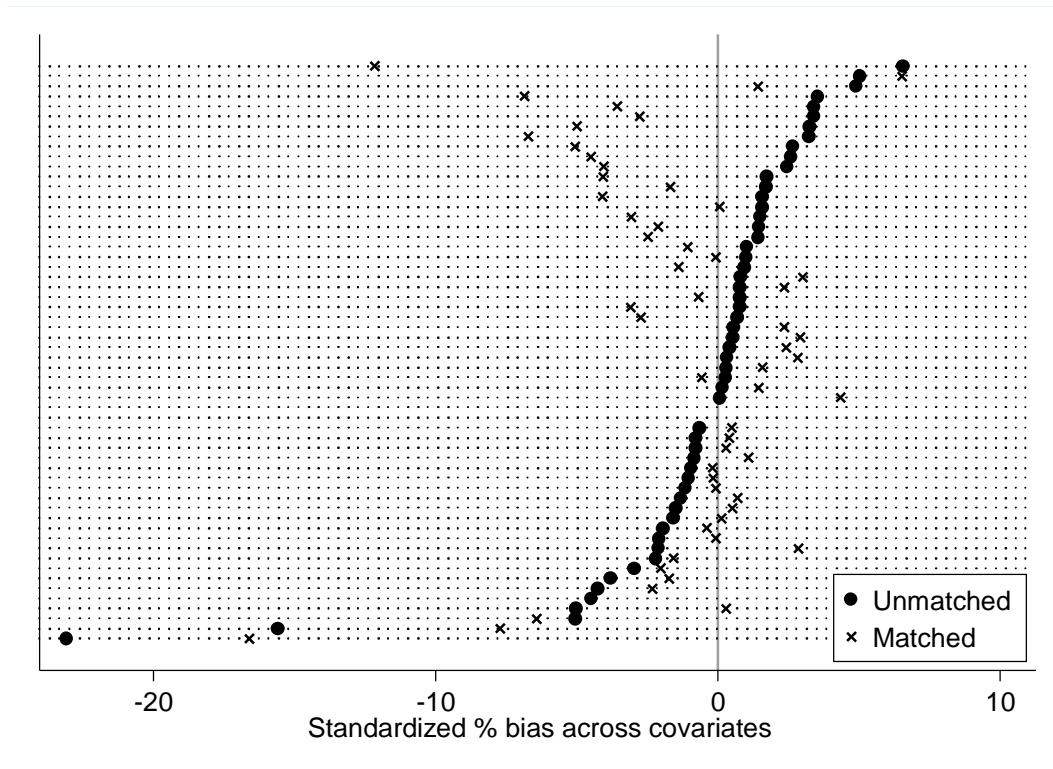


Figure A4. Single bidding ratio and stability (one reelection), contract-level propensity score matching, comparison of unmatched and matched samples' bias on the covariate level

Table A8. Single bidding ratio and stability (one reelection), contract-level propensity score matching, comparison of unmatched and matched samples' overall bias

Sample	Ps R2	LR chi2	p>chi2	MeanBias	MedBias	B	R	%Var
Unmatched	0.015	539.2	0	2.6	1.5	29.3*	0.76	100
Matched	0.02	645.23	0	3	2.3	33.2*	0.56	100

* if $B > 25\%$, R outside $[0.5; 2]$

Table A9. Single bidding ratio and One-party rule, panel sample.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Between estimator							Pooled OLS						
One-party rule	3.43*** (1.18)	2.69** (1.14)	3.27*** (1.17)	3.06*** (1.16)	2.50* (1.30)	3.09** (1.24)	2.47* (1.30)	3.25*** (1.03)	2.68*** (0.96)	3.03*** (1.02)	2.83*** (0.98)	2.44** (1.09)	2.97*** (1.07)	2.59*** (0.95)
Population														
5-10,000		-7.20*** (2.38)					-4.82* (2.53)		-9.11*** (3.46)					-6.40* (3.29)
10-15,000		-10.08*** (2.36)					-7.01** (2.76)		-10.99*** (3.25)					-7.03** (3.11)
15-30,000		-8.67*** (2.31)					-4.73* (2.76)		-10.37*** (3.17)					-5.73* (2.99)
30-250,000		-11.19*** (2.29)					-7.85*** (2.87)		-12.48*** (3.12)					-7.69** (2.98)
>250,000		-11.63** (5.05)					-9.24* (5.29)		-12.93*** (3.15)					-8.80*** (3.17)
Area (log)			1.03*** (0.39)				0.14 (0.68)			1.40*** (0.35)				0.33 (0.58)
Median income				-0.08*** (0.02)			-0.09** (0.04)				-0.09*** (0.02)			-0.08*** (0.02)
Constant	11.16 (8.58)	13.24 (8.47)	3.70 (8.95)	26.01*** (9.29)	10.57 (8.64)	10.36 (8.69)	31.30** (13.02)	9.07*** (1.11)	19.61*** (3.23)	0.02 (2.44)	27.59*** (4.47)	9.69*** (1.23)	6.63*** (1.21)	32.77*** (8.24)
Observations	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901
R-squared	0.27	0.34	0.29	0.30	0.28	0.37	0.44	0.02	0.05	0.03	0.04	0.03	0.06	0.08
County FE	NO	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	NO	YES	YES
Year FE	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Party FE	NO	NO	NO	NO	YES	NO	YES	NO	NO	NO	NO	YES	NO	YES
No. municipalities	288	288	288	288	288	288	288	288	288	288	288	288	288	288

Dependent variable: Single bidding ratio. Standard errors in parentheses (clustered by municipality in POLS estimations). *** p<0.01 ** p<0.05 * p<0.1)

Table A10. Single bidding ratio and Stability, cross-sectional sample.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Reelected once	-0.73 (1.24)	0.22 (1.28)	0.16 (1.26)	0.06 (1.26)	-0.43 (1.33)	0.24 (1.40)	0.76 (1.50)
Reelceted twice	3.52* (1.98)	3.00 (2.07)	3.84** (1.93)	4.04** (1.91)	4.31** (2.00)	3.26* (1.97)	4.34** (2.14)
Reelected thrice or more	0.59 (1.33)	1.43 (1.32)	1.54 (1.36)	1.33 (1.34)	0.73 (1.33)	1.54 (1.46)	2.52* (1.43)
One-party rule	3.59** (1.44)	3.67** (1.42)	3.99*** (1.42)	3.76*** (1.43)	3.28** (1.46)	3.85*** (1.36)	4.47*** (1.40)
Population							
5-10,000		-6.74* (3.77)					-3.76 (3.80)
10-15,000		-8.22** (3.67)					-3.98 (3.86)
15-30,000		-6.89* (3.61)					-1.90 (3.77)
30-250,000		-9.13** (3.57)					-4.58 (3.70)
>250,000		-9.31** (3.75)					-5.35 (3.93)
Area (log)			1.21*** (0.38)				0.14 (0.67)
Median income				-0.07*** (0.02)			-0.09*** (0.03)
Constant	11.16*** (0.94)	18.30*** (3.50)	2.77 (2.81)	26.10*** (4.89)	11.55*** (1.02)	9.08*** (1.45)	34.48*** (10.81)
Observations	275	275	275	275	275	275	275
R-squared	0.05	0.11	0.09	0.09	0.07	0.16	0.23
County FE	NO	NO	NO	NO	NO	YES	YES
Party FE	NO	NO	NO	NO	YES	NO	YES

Dependent variable: Single bidding ratio. Data averaged for the 2011-14 term period. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1. Stability reference category: New ruling party.

Table A11. Single bidding ratio and Ruling party vote share.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Fixed effects				Sys-GMM	Diff-GMM
Voteshare, ruling party	0.09 (0.08)	0.09 (0.08)	0.08 (0.08)	0.10 (0.08)	0.16* (0.08)	0.22** (0.10)	0.15 (0.20)	0.44** (0.22)
LDV						-0.16*** (0.04)	0.02 (0.04)	0.02 (0.04)
Area (log)							1.55 (2.24)	
Median income		0.07*** (0.03)			0.06 (0.14)	0.06 (0.15)	-0.09* (0.05)	-0.00 (0.26)
Population								
5-10,000							-5.23 (4.36)	
10-15,000							-5.22 (4.50)	
15-30,000							-3.22 (4.72)	
30-250,000							-4.80 (4.68)	
>250,000							-6.20 (5.42)	
Constant	9.32*** (2.87)	-6.42 (6.39)	10.29*** (3.06)	6.39** (2.81)	-7.78 (29.51)	-7.95 (32.78)	0.00 (0.00)	
Observations	1,899	1,899	1,899	1,899	1,899	1,574	1,574	1,283
R-squared	0.00	0.00	0.01	0.02	0.02	0.06		
Municipality FEs:	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Year FEs:	No	No	No	Yes	Yes	Yes	Yes	Yes
Party FEs:	No	No	Yes	No	Yes	Yes	Yes	Yes
County FEs:	No	No	No	No	No	No	Yes	Yes
No. municipalities	288	288	288	288	288	284	284	276
AR1 (p)							0.000	0.000
AR2 (p)							0.846	0.820
Hansen J statistic (p)							0.804	0.693
No. Instruments							81	43

Dependent variable: Single bidding ratio. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1). GMM models use the twostep estimator with Windmeijer correction; Vote share, ruling party & LDV treated as predetermined and instrumented GMM-style (lag depth 1-4). Other covariates treated as exogenous and instrumented IV-style

Table A12. Odds of No single bidding and One-party rule.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Pooled logit						FE logit						
One-party rule	0.83 (0.16)	0.75 (0.14)	0.78 (0.15)	0.70* (0.13)	0.59*** (0.10)	0.80 (0.16)	0.66** (0.11)						
Reelected once								0.71 (0.16)	0.75 (0.17)	0.65* (0.15)	0.77 (0.18)	0.80 (0.20)	0.78 (0.21)
Reelected twice or more								0.63* (0.17)	0.60* (0.16)	0.51** (0.15)	0.60* (0.17)	0.58* (0.16)	0.54* (0.17)
Population													
5-10,000				2.16** (0.77)			1.90** (0.62)						
10-15,000				1.12 (0.39)			2.13** (0.70)						
15-30,000				0.55* (0.20)			2.17** (0.73)						
30-250,000				0.11*** (0.04)			3.30*** (1.47)						
Median income		0.98*** (0.00)					1.01 (0.00)		0.96*** (0.01)				0.97 (0.03)
Number of tenders					0.83*** (0.01)		0.81*** (0.02)					0.78*** (0.02)	0.79*** (0.02)
Number of tenders ²					1.00*** (0.00)		1.00*** (0.00)					1.00** (0.00)	1.00** (0.00)
Constant	0.43*** (0.04)	20.02*** (17.40)	0.44*** (0.06)	0.64 (0.21)	4.04*** (0.64)	0.97 (0.13)	0.90 (0.83)						
Observations	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,171	1,171	1,171	1,171	1,171	1,171
Municipal FE	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES
Year FE	NO	NO	NO	NO	NO	YES	YES	NO	NO	NO	YES	NO	YES
Party FE	NO	NO	YES	NO	NO	NO	YES	NO	NO	YES	NO	NO	YES
No. municipalities	288	288	288	288	288	288	288	175	175	175	175	175	175

Dependent variable: No single bidding during year. Odds ratios displayed. Standard errors in parentheses (clustered by municipality in pooled logit estimations); *** p<0.01 ** p<0.05 * p<0.1). FE logit models estimated using the xtlogit, fe command in STATA 14.2. Number of contracts and its squared term included to account for the mechanical decrease in likelihood of receiving no single bid as number of contracts increase.

Table A13. (Discounted) Number of bidders and Political entrenchment

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Cross-section OLS							Fixed Effects					Sys-GMM Diff-GMM		
One-party rule	0.04*** (0.01)	0.03*** (0.01)	0.04*** (0.01)	0.03*** (0.01)	0.03** (0.01)	0.03*** (0.01)	0.03*** (0.01)								
Reelected once								0.02* (0.01)	0.01 (0.01)	0.02** (0.01)	0.01 (0.01)	0.01* (0.01)	0.02 (0.01)	0.02* (0.01)	0.03** (0.01)
Reelected twice or more								0.02** (0.01)	0.02* (0.01)	0.03** (0.01)	0.02** (0.01)	0.02* (0.01)	0.02 (0.01)	0.03* (0.02)	0.05** (0.02)
Population															
5-10,000		-0.08** (0.03)						-0.05 (0.03)						-0.07 (0.04)	
10-15,000		-0.10*** (0.03)						-0.05 (0.03)						-0.07 (0.04)	
15-30,000		-0.09*** (0.03)						-0.03 (0.03)						-0.05 (0.04)	
30-250,000		-0.11*** (0.03)						-0.05* (0.03)						-0.07* (0.04)	
>250,000		-0.12*** (0.03)						-0.07* (0.03)						-0.11** (0.04)	
Area (log)			0.02*** (0.00)					0.00 (0.01)						0.02* (0.01)	
Median income				-0.00*** (0.00)			-0.00*** (0.00)		0.00*** (0.00)			0.00 (0.00)	0.00 (0.00)	-0.00*** (0.00)	-0.00 (0.00)
LDV													-0.00*** (0.00)	0.00 (0.00)	0.00 (0.00)
Constant	0.21*** (0.01)	0.30*** (0.03)	0.09*** (0.02)	0.42*** (0.05)	0.22*** (0.01)	0.18*** (0.01)	0.45*** (0.10)	0.20*** (0.01)	0.01 (0.05)	0.21*** (0.01)	0.17*** (0.01)	0.14 (0.26)	0.20 (0.30)	0.00 (0.00)	
Observations	275	275	275	275	275	275	275	1,901	1,901	1,901	1,901	1,901	1,576	1,576	1,286
R-squared	0.04	0.14	0.14	0.12	0.08	0.21	0.30	0.00	0.01	0.01	0.03	0.03	0.06		
Municipality FEs:								Yes	Yes	Yes	Yes	Yes	Yes	No	No
Year FEs:								No	No	No	Yes	Yes	Yes	Yes	Yes
Party FEs:	No	No	No	No	Yes	No	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes
County FEs:	No	No	No	No	No	Yes	Yes	No	No	No	No	No	No	Yes	Yes
No. municipalities								288	288	288	288	288	284	284	276
AR1 (p)														0	7.68e-10
AR2 (p)														0.669	0.719
Hansen J statistic (p)														0.677	0.745
No. Instruments														93	52

Dependent variable: Average number of bidders (discounted). Note that the discounting procedure ($1/[\text{number of bidders}^2]$) means that higher number of bidders generate lower scores, and vice versa. Data averaged for the 2011-14 term period in models with one-party rule. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1). GMM models use the twostep estimator with Windmeijer correction; Vote share, ruling party & LDV treated as predetermined and instrumented GMM-style (lag depth 1-4). Other covariates treated as exogenous and instrumented IV-style.

Table A14. Single bidding ratio and Stability in small and large municipalities.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	<u>Small municipalities</u>								<u>Large municipalities</u>							
	Fixed effects				Sys-GMM		Diff-GMM		Fixed effects				Sys-GMM		Diff-GMM	
Reelected once	4.69*** (1.80)	4.69*** (1.80)	4.87*** (1.83)	4.87*** (1.80)	5.05*** (1.84)	6.14*** (2.30)	7.50*** (2.84)	8.36*** (3.14)	-0.29 (0.84)	-0.81 (0.83)	-0.03 (0.87)	-1.04 (0.88)	-1.07 (0.88)	-0.94 (1.06)	0.75 (1.00)	-0.15 (1.15)
Reelected twice or more	4.13** (1.78)	4.12** (1.78)	4.72** (2.12)	4.28** (1.80)	4.73** (2.17)	3.78 (2.59)	7.70** (3.36)	11.60** (4.84)	0.75 (1.27)	0.34 (1.17)	0.95 (1.37)	0.15 (1.14)	-0.08 (1.22)	-0.74 (1.50)	1.74 (1.41)	1.12 (2.37)
LDV						-0.18*** (0.04)	-0.02 (0.04)	-0.02 (0.05)						-0.12** (0.05)	0.16*** (0.05)	0.10 (0.06)
Area (log)							-0.75 (2.34)								2.68** (1.19)	
Median income		0.00 (0.05)			0.13 (0.27)	0.30 (0.30)	-0.02 (0.27)	-0.34 (0.48)		0.12*** (0.02)			-0.18** (0.09)	-0.23* (0.12)	-0.02 (0.02)	0.04 (0.15)
5-10,000							-5.09 (4.93)								0.00 (0.00)	
10-15,000							-8.63 (7.04)								0.00 (0.00)	
15-30,000							-9.73 (10.82)								7.00 (6.66)	
30-250,000							0.00 (0.00)								5.65 (6.67)	
>250,000							0.00 (0.00)								3.42 (7.12)	
Constant	10.76*** (1.10)	10.51 (11.61)	11.84*** (1.32)	9.54*** (2.17)	-14.74 (54.22)	-46.66 (61.59)	0.00 (0.00)		11.04*** (0.73)	-16.13*** (5.14)	12.01*** (0.81)	7.66*** (0.80)	46.72** (19.42)	62.55** (25.61)	0.00 (0.00)	
Observations	896	896	896	896	896	718	718	573	1,005	1,005	1,005	1,005	1,005	858	858	713
R-squared	0.01	0.01	0.02	0.02	0.03	0.08			0.00	0.03	0.01	0.07	0.08	0.05		
Municipality FEs:	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Year FEs:	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
Party FEs:	No	No	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes
County FEs:	No	No	No	No	No	No	Yes	Yes	No	No	No	No	No	No	Yes	Yes
No. municipalities	143	143	143	143	143	139	139	131	145	145	145	145	145	145	145	145
AR1 (p)							0.000	0.000							0.000	0.000
AR2 (p)							0.496	0.662							0.115	0.187
Hansen J statistic (p)							0.535	0.502							0.832	0.834
No. Instruments							86	49							80	45

Dependent variable: Single bidding ratio. Sample split on median (minimum) population size (15,190.5). Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1). GMM models use the twostep estimator with Windmeijer correction; Vote share, ruling party & LDV treated as predetermined and instrumented GMM-style (lag depth 1-4). Other covariates treated as exogenous and instrumented IV-style

Table A15. Single bidding ratio and One-party rule, interacted by size.

	(1)	(2)	(3)	(4)	(5)	(6)
One-party rule	25.68*	28.31**	22.78	24.47*	33.44**	29.38**
	(13.81)	(13.75)	(13.85)	(13.98)	(14.06)	(14.53)
Population (log)	-0.95*	-0.69	-0.54	-1.00	-0.34	-0.18
	(0.55)	(0.54)	(0.52)	(0.63)	(0.52)	(0.50)
One-party rule * (log) Population	-2.32*	-2.60*	-2.04	-2.24	-3.13**	-2.69*
	(1.34)	(1.33)	(1.34)	(1.36)	(1.37)	(1.43)
Area (log)		1.10***				0.18
		(0.36)				(0.69)
Median income			-0.05**			-0.07**
			(0.02)			(0.04)
Constant	20.89***	11.16*	27.70***	21.93***	14.23**	29.59**
	(5.79)	(6.40)	(7.13)	(6.46)	(5.81)	(12.27)
Observations	275	275	275	275	275	275
R-squared	0.07	0.10	0.09	0.08	0.17	0.21
County FE	NO	NO	NO	NO	YES	NO
Party FE	NO	NO	NO	YES	NO	NO

Dependent variable: Single bidding. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1

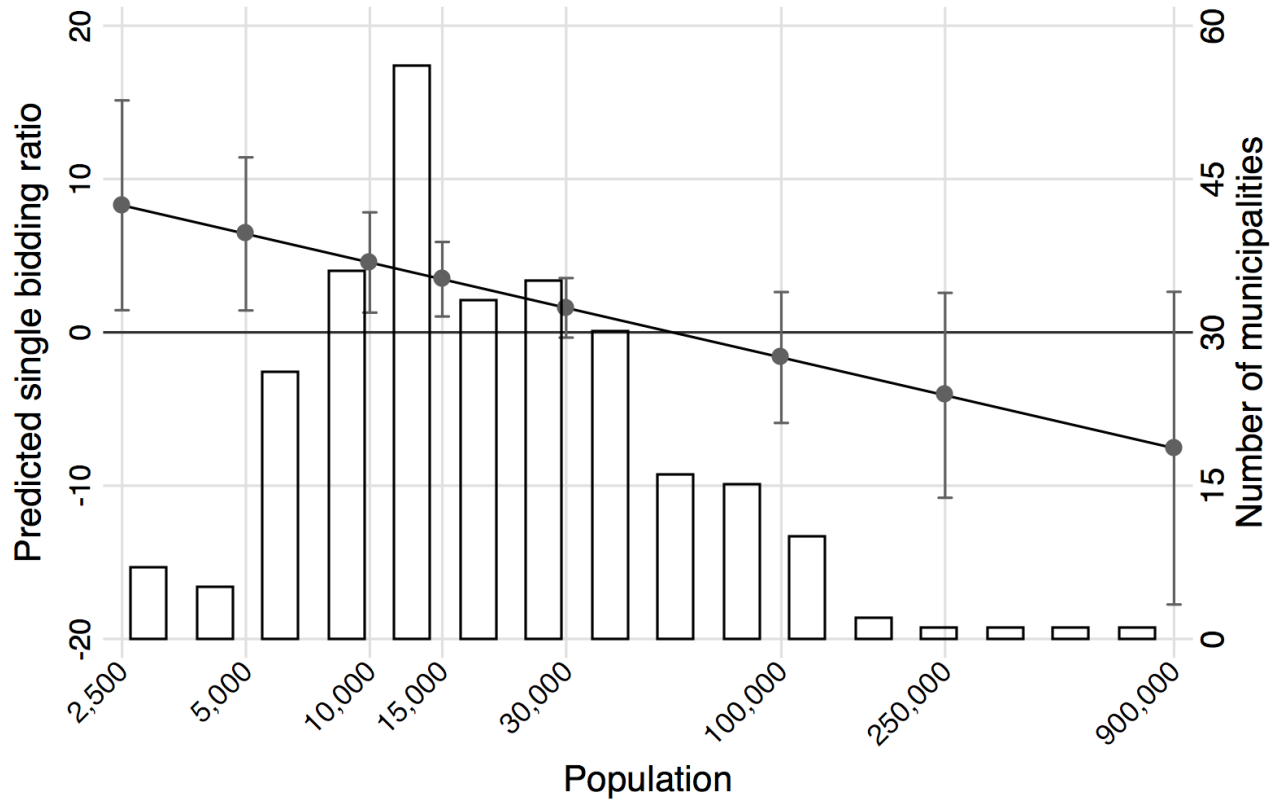


Figure A5. Single bidding ratio and One-party rule, interacted with population.

Note. Results derived from to table A15, column 6. Capped lines display 95% confidence intervals using robust standard errors. Values for controls are set at Ruling party=Social Democrats, Region=Västra Götaland, while (log)Area and Median income are set at their mean values.

Table A16. Single bidding ratio and One-party rule, by Party.

	(1)	(2)	(3)	(4)	(5)	(6)
One-party rule	2.46 (1.55)	2.35 (1.54)	2.67* (1.51)	2.49 (1.55)	2.49 (1.53)	2.59* (1.48)
Conservatives	-1.47 (1.06)	-0.63 (1.12)	-0.15 (1.08)	0.04 (1.28)	-0.50 (1.46)	1.10 (1.59)
Center party	-0.55 (1.77)	-0.02 (1.83)	-0.61 (1.77)	-0.80 (1.74)	-0.06 (1.69)	0.40 (1.79)
Other party	-1.86 (2.98)	-1.23 (3.13)	-0.51 (3.01)	-1.67 (2.94)	-0.16 (3.29)	0.63 (3.40)
One-party rule* Conservatives	-0.83 (4.09)	-0.21 (3.71)	1.46 (4.22)	2.58 (4.02)	-0.26 (4.26)	1.30 (3.63)
One-party rule* Center party	1.67 (2.68)	1.71 (2.65)	1.67 (2.68)	1.38 (2.54)	2.58 (2.81)	1.98 (2.62)
One-party rule* Other party	2.76 (3.27)	3.41 (3.49)	3.10 (3.28)	2.05 (3.26)	1.77 (3.28)	0.28 (3.57)
Population						
5-10,000		-7.10* (3.79)				-4.46 (3.69)
10-15,000		-8.56** (3.62)				-4.10 (3.77)
15-30,000		-7.22** (3.59)				-2.46 (3.63)
30-250,000		-9.24*** (3.55)				-4.69 (3.55)
>250,000		-9.43*** (3.45)				-5.24 (3.69)
Area (log)			1.21*** (0.43)			-0.07 (0.69)
Median income				-0.07*** (0.03)		-0.09** (0.03)
Constant	12.27*** (0.77)	19.66*** (3.33)	3.84 (2.94)	28.24*** (6.16)	10.69*** (1.38)	36.41*** (11.03)
Observations	275	275	275	275	275	275
R-squared	0.04	0.10	0.07	0.07	0.15	0.20
County FE	NO	NO	NO	NO	YES	YES

Dependent variable: Single bidding. Other ruling party include Liberals (5), Christian Democrats (4), Left Party (2), and local parties (1). Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1

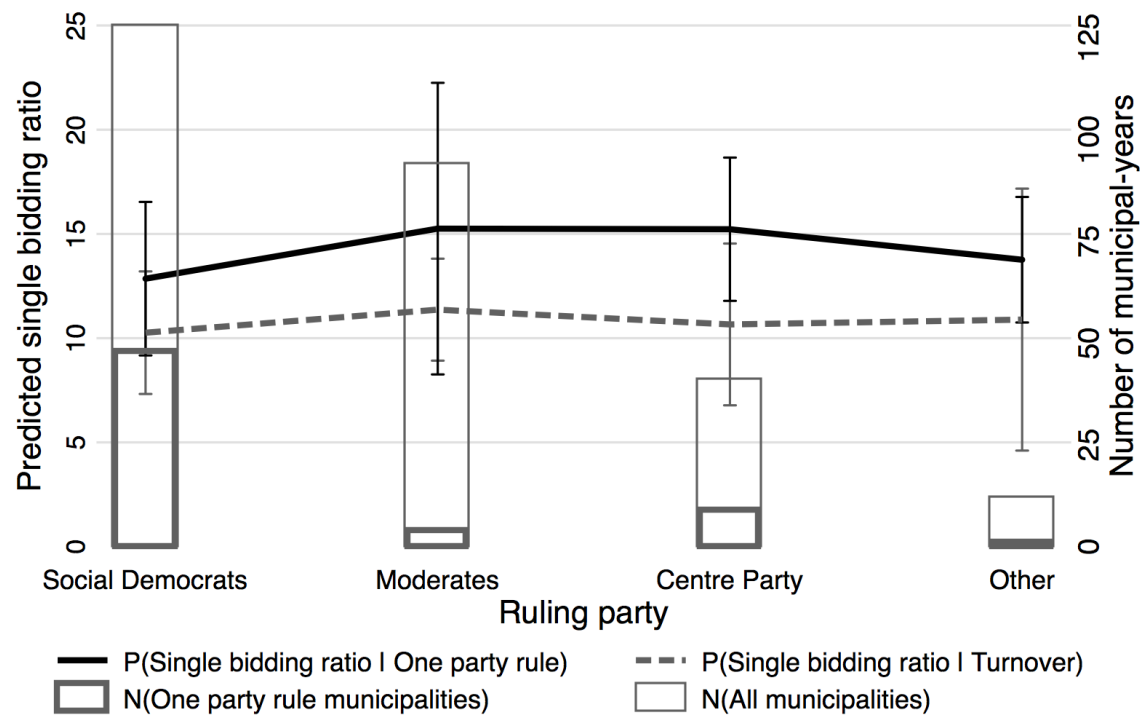


Figure A6. Single bidding ratio and One-party rule, across party ID

Note. Results derived from to table A16, column 6, with one-party rule interacted with party ID (“Other” includes Liberals, Christian Democrats, Left Party, and other parties). Capped lines display 95% confidence intervals using robust standard errors. Values for controls are set at Region=Västra Götaland, population=30-250,000, while (log)Area and Median income are set at their mean values.

Table A17. Single bidding ratio and Stability, interacted by Party ID.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Fixed effects			Sys-GMM	Diff-GMM
Reelected once	3.37 (2.11)	3.32 (2.11)	3.01 (2.09)	3.05 (2.10)	2.81 (2.38)	4.51* (2.59)	6.97** (3.43)
Reelected twice or more	0.91 (2.69)	1.01 (2.71)	0.79 (2.72)	0.83 (2.74)	-0.31 (2.87)	1.74 (1.76)	6.77 (4.88)
Conservatives	-2.58 (1.61)	-1.75 (1.70)	-1.50 (1.74)	-1.44 (1.72)	-0.08 (1.63)	-1.88 (1.54)	1.07 (2.03)
Center party	0.71 (3.02)	1.31 (3.10)	1.36 (3.10)	1.36 (3.10)	4.29 (3.80)	0.53 (4.59)	1.63 (5.34)
Other party	-4.59 (4.23)	-3.99 (4.22)	-4.25 (4.29)	-4.19 (4.29)	-2.03 (4.35)	11.60 (12.60)	0.34 (5.13)
Reelected once *Conservatives	-2.24 (2.43)	-2.74 (2.47)	-2.08 (2.53)	-2.17 (2.52)	-1.71 (2.90)	-2.00 (2.93)	-5.11 (3.65)
Reelected once *Center party	-2.36 (4.03)	-2.31 (4.07)	-1.90 (4.04)	-1.93 (4.05)	0.13 (5.86)	-5.60 (5.09)	-5.55 (5.49)
Reelected once *Other party	1.31 (4.02)	1.39 (3.98)	2.00 (4.14)	1.92 (4.15)	3.40 (4.39)	-4.98 (6.70)	7.83 (8.32)
Reelected twice or more *Conservatives	1.75 (3.11)	0.80 (3.18)	1.08 (3.20)	0.94 (3.23)	1.56 (3.55)	4.18* (2.23)	-3.87 (5.15)
Reelected twice or more *Center party	0.63 (4.36)	0.69 (4.33)	1.19 (4.33)	1.13 (4.36)	1.76 (4.79)	2.86 (4.99)	-0.99 (6.21)
Reelected twice or more *Other party	10.40** (5.25)	9.89* (5.39)	10.22* (5.55)	10.09* (5.60)	10.84* (5.83)	4.40 (10.26)	11.01 (14.51)
LDV					-0.17*** (0.04)	0.02 (0.04)	-0.02 (0.05)
Area (log)						1.09 (0.76)	
Median income		0.06** (0.03)		0.04 (0.14)	0.04 (0.15)	-0.07** (0.03)	0.11 (0.21)
Population							
5-10,000						-2.19 (4.33)	
10-15,000						-2.32 (4.51)	
15-30,000						-0.80 (4.50)	
30-250,000						-3.03 (4.49)	
>250,000						-4.04 (5.02)	
Constant	12.14*** (1.18)	-1.96 (6.80)	9.38*** (1.81)	0.60 (28.69)	6.43 (32.88)	26.71*** (9.32)	
Observations	1,901	1,901	1,901	1,901	1,576	1,576	1,286
R-squared	0.01	0.01	0.02	0.02	0.05		
Municipality FEs:	Yes	Yes	Yes	Yes	Yes	No	No
Year FEs:	No	No	Yes	Yes	Yes	Yes	Yes
County FEs:	No	No	No	No	No	Yes	NO
No. municipalities	288	288	288	288	284	284	276
AR1 (p)						2.44e-09	5.07e-08
AR2 (p)						0.842	0.587
Hansen J statistic (p)						0.677	0.808
No. Instruments						193	130

Dependent variable: Single bidding ratio. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1). GMM models use the twostep estimator with Windmeijer correction; Vote share, ruling party & LDV treated as predetermined and instrumented GMM-style (lag depth 1-4). Other covariates treated as exogenous and instrumented IV-style.

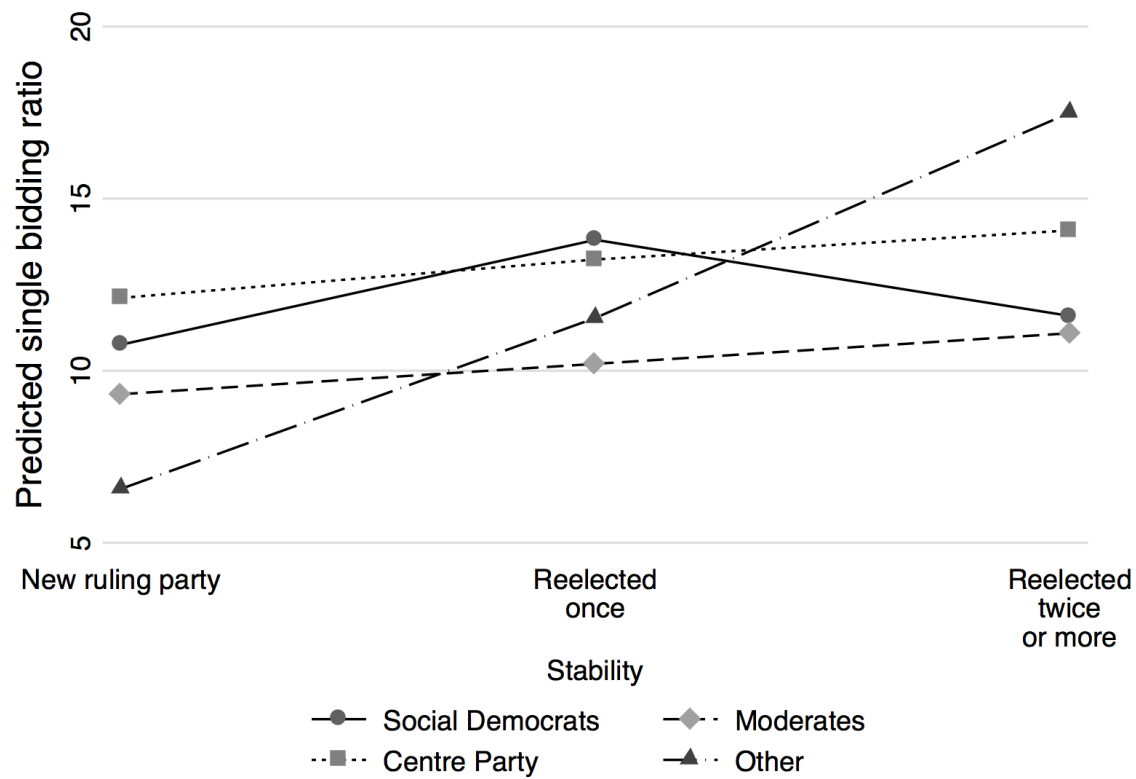


Figure A7. Single bidding ratio and Stability, across party ID

Note. Results derived from table A17, column 4, with stability interacted with party ID (“Other” includes Liberals, Christian Democrats, Left Party, and other parties). Values for controls are set at year=2012, while Median income is set at its mean value.

Table A18. Political entrenchment, Majority-minority conflict, and Single bidding ratio.

	(1)	(2)	(3)	(4)
	DV: Majority/opposition relations		DV: Single bidding ratio	
One-party rule	0.31 (0.20)	0.61** (0.24)		
Majority/opposition relations			0.37 (0.30)	0.60* (0.31)
Population				
5-10,000		-0.19 (0.53)		-4.27 (3.64)
10-15,000		-0.22 (0.55)		-4.48 (3.70)
15-30,000		-0.24 (0.55)		-2.61 (3.57)
30-250,000		-0.47 (0.56)		-4.81 (3.47)
>250,000		-0.85 (0.57)		-5.80 (3.62)
Area (log)		0.03 (0.13)		-0.17 (0.71)
Median income		0.01 (0.01)		-0.09** (0.04)
Constant	5.26*** (0.11)	2.64 (1.94)	10.25*** (1.64)	35.88*** (11.42)
Observations	275	275	275	275
R-squared	0.01	0.16	0.01	0.20
County FE	NO	YES	NO	YES
Party FE	NO	YES	NO	YES

Data averaged for the 2011-14 term period. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1

Table A19. Political entrenchment, Audit control, and Single bidding ratio.

	(1)	(2)	(3)	(4)
	DV: Audit chair from majority		DV: Single bidding ratio	
One-party rule	2.08** (0.70)	2.55** (1.01)		
Audit chair from majority	.	.	1.34 (1.18)	1.28 (1.08)
Population				
5-10,000		0.54 (0.44)		-4.32 (3.66)
10-15,000		0.45 (0.38)		-4.06 (3.77)
15-30,000		0.50 (0.40)		-2.35 (3.64)
30-250,000		1.01 (0.84)		-4.61 (3.54)
>250,000		6.86 (9.82)		-6.37* (3.84)
Area (log)		0.99 (0.16)		-0.31 (0.69)
Median income		0.99 (0.01)		-0.08** (0.03)
Constant	0.20*** (0.04)	5.19 (14.12)	11.95*** (0.52)	38.07*** (11.01)
Observations	275	275	275	275
R-squared			0.00	0.19
Party FE	NO	YES	NO	YES
County FE	NO	NO	NO	YES
NUTS1 FE	NO	YES	NO	NO

Data averaged for the 2011-14 term period. Odds ratios displayed for models predicting Audit chair from majority (columns 1 & 2). Since a number of counties and mayoral parties perfectly predict Audit chair from majority, and are dropped from logit models, these have been substituted by NUTS1-region and the constrained mayoral party ID-variable used in table A16 & A17. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1

Table A20. Political entrenchment, Media influence, and Single bidding ratio.

	(1)	(2)	(3)	(4)
	DV: Media influence		DV: Single bidding ratio	
One-party rule	-0.57*** (0.12)	-0.32** (0.14)		
Media influence			-1.20** (0.51)	-1.33** (0.60)
Population				
5-10,000		0.23 (0.34)		-4.19 (3.65)
10-15,000		0.35 (0.35)		-4.19 (3.74)
15-30,000		0.13 (0.35)		-2.76 (3.61)
30-250,000		0.41 (0.36)		-4.79 (3.52)
>250,000		0.64 (0.40)		-6.00* (3.63)
Area (log)		0.03 (0.07)		-0.11 (0.68)
Median income		-0.01* (0.00)		-0.08** (0.04)
Local press coverage		-0.33 (0.39)		-4.31 (4.16)
Constant	4.73*** (0.06)	5.45*** (0.93)	17.73*** (2.49)	44.45*** (12.06)
Observations	275	275	275	275
R-squared	0.08	0.29	0.02	0.21
County FE	NO	YES	NO	YES
Party FE	NO	YES	NO	YES

Data averaged for the 2011-14 term period. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1

Table A21. Political entrenchment, Bureaucratic human capital, and Single bidding ratio.

	(1)	(2)	(3)	(4)
	DV: bureaucratic human capital		DV: Single bidding ratio	
One-party rule	-2.97*** (0.96)	-0.08 (0.55)		
Bureaucratic human capital			-0.34*** (0.07)	-0.31** (0.15)
Population				
5-10,000		2.91*** (0.97)		-3.49 (3.65)
10-15,000		3.89*** (1.07)		-3.42 (3.70)
15-30,000		4.67*** (1.05)		-1.36 (3.56)
30-250,000		7.59*** (1.24)		-1.98 (3.61)
>250,000		8.07*** (2.06)		-1.16 (4.01)
Area (log)		-0.71** (0.28)		-0.57 (0.71)
Median income		0.05*** (0.02)		-0.04 (0.04)
Higher education, population		62.94*** (10.62)		-1.19 (14.64)
Outsourcing		0.19*** (0.05)		-0.01 (0.07)
Constant	45.93*** (0.48)	21.11*** (5.70)	27.40*** (3.32)	44.16*** (11.76)
Observations	275	275	275	275
R-squared	0.03	0.81	0.09	0.21
County FE	NO	YES	NO	YES
Party FE	NO	YES	NO	YES

Data averaged for the 2011-14 term period. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1

Table A22. Political entrenchment, Local winner ratio, and Single bidding ratio.

	(1)	(2)	(3)	(4)
	DV: Local winner		DV: Single bidding ratio	
One-party rule	1.50 (1.37)	0.42 (1.33)		
Local winner ratio			0.10** (0.05)	0.07 (0.07)
Population				
5-10,000		-8.77** (3.93)		-3.46 (3.64)
10-15,000		-6.05 (4.04)		-4.59 (3.71)
15-30,000		-6.52 (4.04)		-2.22 (3.53)
30-250,000		-0.70 (4.19)		-4.84 (3.48)
>250,000		16.59*** (5.90)		-7.49* (4.02)
Area (log)		1.56** (0.74)		-0.03 (0.72)
Median income		-0.02 (0.04)		-0.09*** (0.03)
Constant	11.23*** (0.64)	6.69 (10.97)	11.15*** (0.74)	38.08*** (11.22)
Observations	264	264	264	264
R-squared	0.00	0.36	0.02	0.23
County FE	NO	YES	NO	YES
Party FE	NO	YES	NO	YES

Data averaged for the 2011-14 term period. Robust standard errors in parentheses; *** p<0.01 ** p<0.05 * p<0.1