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Statistics/Data Analysis

```
      name:  <unnamed>
       log:  C:\Users\Johanna\Dropbox\Worker rep\Submission APSR\Final Submission Files\Fig7_LHS_Complet
  log type:  smcl
 opened on:  22 May 2024, 11:55:29

 1 . do "C:\Users\Johanna\AppData\Local\Temp\STD71ac_000000.tmp"

 2 . ***************************************************
 3 . * Figure 7. Left-hand side estimates
 4 . ***************************************************
 5 .
 6 . * Count observations used in the regressions, i.e., with non-missing data on the controls
 7 . keep if party!=. & ambkom!=. & workerselfid!=. & year!=. & muni!=. & woman!=.
  (0 observations deleted)

 8 . keep if a1!=. & a2!=.  & a3!=.   & a4!=.   & a5!=.
  (0 observations deleted)

 9 . keep if stud!=.
  (0 observations deleted)

10 . count /* number of observations for Figure 7, population */
    18,325

11 .
12 . *drop estimate-position
13 . local i=0

14 . local n=0

15 . matrix C =J(17, 5,.)

16 .
17 . foreach var in ambkom {
     2.         local n = `n'+1
     3.     local i = `i'+1
     4.
18 .         foreach sample in all {
     5.         xi: areg `var' workerselfid i.year i.party if `sample'==1, abs(muni)
     6.
19 .         matrix C[`i',1]=_b[workerselfid]
     7.         matrix C[`i',2]=(_b[workerselfid]+1.96*_se[workerselfid])
     8.         matrix C[`i',3]=(_b[workerselfid]-1.96*_se[workerselfid])
     9.         matrix C[`i',4]=`n'-0.2
    10.         matrix C[`i',5]=1
    11.
20 .         xi: areg `var' workerselfid stud a1-a5 woman i.party i.year if `sample'==1, abs(muni)
    12.
21 .         local i = `i'+1
    13.         matrix C[`i',1]=_b[workerselfid]
    14.         matrix C[`i',2]=(_b[workerselfid]+1.96*_se[workerselfid])
    15.         matrix C[`i',3]=(_b[workerselfid]-1.96*_se[workerselfid])
    16.         matrix C[`i',4]=`n'+0.2
    17.         matrix C[`i',5]=2
    18.         matrix list C
    19.         }
    20. }
   i.year            _Iyear_1996-2003    (naturally coded; _Iyear_1996 omitted)
   i.party           _Iparty_1-7         (naturally coded; _Iparty_1 omitted)

   Linear regression, absorbing indicators         Number of obs     =     18,325
                                                   F(  14,  18253)   =      24.29
                                                   Prob > F          =     0.0000
                                                   R-squared         =     0.0234
                                                   Adj R-squared     =     0.0196
                                                   Root MSE          =     0.4141
```

ambkom	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
workerselfid	-.0755279	.0066501	-11.36	0.000	-.0885626	-.0624932
_Iyear_1997	.0348255	.0171816	2.03	0.043	.0011479	.0685031
_Iyear_1998	.0412767	.0155577	2.65	0.008	.0107821	.0717713
_Iyear_1999	.0397245	.0154381	2.57	0.010	.0094644	.0699847
_Iyear_2000	.0139747	.0155006	0.90	0.367	-.0164078	.0443573
_Iyear_2001	-.0059342	.0153773	-0.39	0.700	-.0360751	.0242068
_Iyear_2002	.0510395	.0153954	3.32	0.001	.0208632	.0812159
_Iyear_2003	.0725668	.0160363	4.53	0.000	.0411341	.1039994
_Iparty_2	-.093356	.0097808	-9.54	0.000	-.1125272	-.0741847
_Iparty_3	-.0861296	.016976	-5.07	0.000	-.1194041	-.052855
_Iparty_4	-.0737414	.0135031	-5.46	0.000	-.1002087	-.0472741
_Iparty_5	-.066085	.0107061	-6.17	0.000	-.0870701	-.0451
_Iparty_6	-.123609	.0124125	-9.96	0.000	-.1479387	-.0992793
_Iparty_7	-.021609	.015271	-1.42	0.157	-.0515416	.0083237
_cons	.293672	.0153939	19.08	0.000	.2634986	.3238454
muni	F(57, 18253) =		1.132	0.231	(58 categories)	

i.party _Iparty_1-7 (naturally coded; _Iparty_1 omitted)
i.year _Iyear_1996-2003 (naturally coded; _Iyear_1996 omitted)
note: a5 omitted because of collinearity

Linear regression, absorbing indicators

Number of obs	=	18,325
F(20, 18247)	=	27.24
Prob > F	=	0.0000
R-squared	=	0.0341
Adj R-squared	=	0.0300
Root MSE	=	0.4119

ambkom	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
workerselfid	-.0518312	.0069744	-7.43	0.000	-.0655015	-.0381608
stud	.11207	.0104228	10.75	0.000	.0916402	.1324997
a1	-.0013752	.0102669	-0.13	0.893	-.0214993	.0187489
a2	.0448843	.0100748	4.46	0.000	.0251368	.0646318
a3	.0583324	.0096956	6.02	0.000	.0393282	.0773366
a4	.0507529	.0088278	5.75	0.000	.0334495	.0680563
a5	0	(omitted)				
woman	.0525406	.0061318	8.57	0.000	.0405217	.0645595
_Iparty_2	-.0887784	.0097901	-9.07	0.000	-.1079679	-.0695889
_Iparty_3	-.0754998	.0169361	-4.46	0.000	-.1086961	-.0423035
_Iparty_4	-.0609591	.0135082	-4.51	0.000	-.0874364	-.0344818
_Iparty_5	-.0569949	.0107602	-5.30	0.000	-.0780859	-.035904
_Iparty_6	-.1070125	.0124548	-8.59	0.000	-.1314251	-.0825999
_Iparty_7	-.018679	.0152052	-1.23	0.219	-.0484827	.0111247
_Iyear_1997	.0339207	.0170932	1.98	0.047	.0004165	.0674249
_Iyear_1998	.042947	.015505	2.77	0.006	.0125557	.0733383
_Iyear_1999	.0406581	.015357	2.65	0.008	.010557	.0707592
_Iyear_2000	.0146308	.0154409	0.95	0.343	-.0156348	.0448964
_Iyear_2001	-.0004566	.0153039	-0.03	0.976	-.0304537	.0295404
_Iyear_2002	.0522127	.01534	3.40	0.001	.0221448	.0822806
_Iyear_2003	.0736085	.0159725	4.61	0.000	.0423008	.1049162
_cons	.2052591	.016998	12.08	0.000	.1719414	.2385768
muni	F(57, 18247) =		1.188	0.157	(58 categories)	

C[17,5]

	c1	c2	c3	c4	c5
r1	-.0755279	-.0624938	-.088562	.8	1
r2	-.05183116	-.03816144	-.06550089	1.2	2
r3	.	.	.	.	.
r4	.	.	.	.	.
r5	.	.	.	.	.
r6	.	.	.	.	.
r7	.	.	.	.	.
r8	.	.	.	.	.
r9	.	.	.	.	.
r10	.	.	.	.	.
r11	.	.	.	.	.
r12	.	.	.	.	.
r13	.	.	.	.	.
r14	.	.	.	.	.

```
r15           .           .           .           .           .
r16           .           .           .           .           .
r17           .           .           .           .           .

22 .
   end of do-file

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