

## 2\_preprocessing

Umberto Mignozzetti

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### **Adding articles**

*Texto em itálico.*

- One item

```

# Paper 343
dat <- data.frame(
  id = 343,
  published = 'Yes',
  title = 'Government spending and legislative organization: quasi-experimental evidence from germany',
  author = 'Egger and Koethenbuerger',
  year = 2010,
  journal = 'American Economic Journal: Applied Economics',
  web = 'https://www.jstor.org/stable/25760238',
  table = NA,
  column = NA,
  indepvar = NA,
  indepvar2 = NA,
  depvar = NA,
  depvar2 = NA,
  coef = NA,
  SE = NA
)

# Paper 367
dat <- rbind(dat,
  data.frame(
    id = 367,
    published = 'Yes',
    title = 'Spatially Targeted Government Spending and
Heterogeneous Constituent Cost Shares',
    author = 'Bradbury and Stephenson',
    year = 2009,
    journal = 'The Journal of Private Enterprise',
    web = 'http://journal.apee.org/index.php?title=Spring2009_6',
    table = 2,
    column = 2,
    indepvar = 'MEMSENATE',
    indepvar2 = 'K',
    depvar = 'Spending per capita',
    depvar2 = 'ExpPC',
    coef = 0.624,
    SE = 0.624/3.10
  ))

# Paper 585 K
dat <- rbind(dat,
  data.frame(
    id = 585,
    published = 'Yes',
    title = 'Legislative organization and government spending: cross-country evidence',
    author = 'Bradbury and Crain',
    year = 2001,
    journal = 'Journal of Public Economics',
    web = 'https://doi.org/10.1016/S0047-2727(00)00150-X',
    table = 2,
    column = 5,
    indepvar = 'Upper size',

```

```

indepvar2 = 'K',
depvar = 'Percent of GDP',
depvar2 = 'PCTGDP',
coef = 0.01262,
SE = 0.01262/2.12
))

# Paper 585 N
dat <- rbind(dat,
  data.frame(
    id = 585,
    published = 'Yes',
    title = 'Legislative organization and government spending: cross-country evidence',
    author = 'Bradbury and Crain',
    year = 2001,
    journal = 'Journal of Public Economics',
    web = 'https://doi.org/10.1016/S0047-2727(00)00150-X',
    table = 2,
    column = 5,
    indepvar = 'Lower size',
    indepvar2 = 'N',
    depvar = 'Percent of GDP',
    depvar2 = 'PCTGDP',
    coef = 0.003627,
    SE = 0.003627/2.51
  ))

# Paper 1390
dat <- rbind(dat,
  data.frame(
    id = 1390,
    published = 'Yes',
    title = 'Electoral Systems and Public Spending',
    author = 'Milesi-Ferretti, Perotti, and Rostagno',
    year = 2001,
    journal = 'The Quarterly Journal of Economics',
    web = 'https://www.jstor.org/stable/pdf/2696437.pdf',
    table = 5,
    column = 1,
    indepvar = 'Log Avg Dist Magnitude',
    indepvar2 = 'logN',
    depvar = 'Percent of GDP',
    depvar2 = 'PCTGDP',
    coef = 1.05,
    SE = 1.05/1.10
  ))

# Paper 1390
dat <- rbind(dat,
  data.frame(
    id = 1390,
    published = 'Yes',
    title = 'Electoral Systems and Public Spending',

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```

author = 'Milesi-Ferretti, Perotti, and Rostagno',
year = 2001,
journal = 'The Quarterly Journal of Economics',
web = 'https://www.jstor.org/stable/pdf/2696437.pdf',
table = 5,
column = 4,
indepvar = 'Log Avg Dist Magnitude',
indepvar2 = 'logN',
depvar = 'Share transfer GDP',
depvar2 = 'PCTTRF',
coef = 1.70,
SE = 1.70/3.49
))

# Paper 997
dat <- rbind(dat,
  data.frame(
    id = 997,
    published = 'No',
    title = 'Local government expenditure and council size: quasi-experimental evidence from japan',
    author = 'Hirota and Yunoue',
    year = 2012,
    journal = NA,
    web = 'https://mpra.ub.uni-muenchen.de/42799/1/MPRA_paper_42799.pdf',
    table = 3,
    column = 9,
    indepvar = 'logN',
    indepvar2 = 'logN',
    depvar = 'logExp',
    depvar2 = 'logExp',
    coef = 1.229,
    SE = 0.101
  ))

dat <- rbind(dat,
  data.frame(
    id = 974,
    published = 'No',
    title = 'Institutional arrangements and fiscal performance: the latin american experience',
    author = 'Stein, Talvi, and Grisanti',
    year = 1998,
    journal = 'NBER Working papers',
    web = 'https://www.nber.org/papers/w6358.pdf',
    table = 3,
    column = 1,
    indepvar = 'District magnitude',
    indepvar2 = 'logN',
    depvar = 'Proportion expenditure GDP',
    depvar2 = 'PCTGDP',
    coef = 0.0109,
    SE = 0.0143
  ))

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dat <- rbind(dat,
  data.frame(
    id = 886,
    published = 'No',
    title = 'Electoral systems, legislative fragmentation and public spending: a comparative analysis of
author = 'Lledo',
year = 2003,
journal = NA,
web = 'http://lasa.international.pitt.edu/Lasa2003/LledoVictor.pdf',
table = 6,
column = 1,
indepvar = 'Log (State Legislature Seats)',
indepvar2 = 'logN',
depvar = 'Primary Spending as a share of GSP',
depvar2 = 'PCTGDP',
coef = -4.69,
SE = -4.69/(-1.75)
))

dat <- rbind(dat,
  data.frame(
    id = 849,
    published = 'No',
    title = 'Districts, spillovers, and government overspending',
    author = 'Baqir',
    year = 1999,
    journal = NA,
    web = 'http://documents.worldbank.org/curated/en/969221468781782275/pdf/multi-page.pdf',
    table = 3,
    column = 3,
    indepvar = 'Log (Council Size)',
    indepvar2 = 'logN',
    depvar = 'Log (Expenditure per capita)',
    depvar2 = 'logExpPC',
    coef = 0.302,
    SE = 0.302/7.885
))

dat <- rbind(dat,
  data.frame(
    id = 849,
    published = 'No',
    title = 'Districts, spillovers, and government overspending',
    author = 'Baqir',
    year = 1999,
    journal = NA,
    web = 'http://documents.worldbank.org/curated/en/969221468781782275/pdf/multi-page.pdf',
    table = 3,
    column = 6,
    indepvar = 'Log (Council Size)',
    indepvar2 = 'logN',
    depvar = 'Expenditure share',
    depvar2 = 'PCTGDP',

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coef = 2.066,
SE = 2.066/7.014
))

dat <- rbind(dat,
  data.frame(
    id = 1415,
    published = 'No',
    title = 'Legislature size, bicameralism and government spending: evidence from democratic countries',
    author = 'Ricciuti',
    year = 2004,
    journal = NA,
    web = 'http://www.bemservizi.unito.it/repec/icr/wp2004/Ricciuti20-04.pdf',
    table = 3,
    column = 1,
    indepvar = 'House size',
    indepvar2 = 'N',
    depvar = 'Government spending',
    depvar2 = 'PCTGDP',
    coef = 0.014,
    SE = 0.012
  ))

dat <- rbind(dat,
  data.frame(
    id = 1415,
    published = 'No',
    title = 'Legislature size, bicameralism and government spending: evidence from democratic countries',
    author = 'Ricciuti',
    year = 2004,
    journal = NA,
    web = 'http://www.bemservizi.unito.it/repec/icr/wp2004/Ricciuti20-04.pdf',
    table = 3,
    column = 1,
    indepvar = 'Senate size',
    indepvar2 = 'K',
    depvar = 'Government spending',
    depvar2 = 'PCTGDP',
    coef = 0.016,
    SE = 0.012
  ))

dat <- rbind(dat,
  data.frame(
    id = 1415,
    published = 'No',
    title = 'Legislature size, bicameralism and government spending: evidence from democratic countries',
    author = 'Ricciuti',
    year = 2004,
    journal = NA,
    web = 'http://www.bemservizi.unito.it/repec/icr/wp2004/Ricciuti20-04.pdf',
    table = 3,

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column = 1,
indepvar = 'S/H',
indepvar2 = 'KN',
depvar = 'Government spending',
depvar2 = 'PCTGDP',
coef = -7.612,
SE = 5.354
))

dat <- rbind(dat,
  data.frame(
    id = 1309,
    published = 'Yes',
    title = 'Rethinking ward and at-large elections in cities: total spending, the number of locations of
author = 'Langbein, Crewson, and Brasher',
    year = 1996,
    journal = 'Public Choice',
    web = 'https://link.springer.com/content/pdf/10.1007%2F00153234.pdf',
    table = 1,
    column = 1,
    indepvar = 'Number on city council',
    indepvar2 = 'N',
    depvar = 'Expenditures per capita',
    depvar2 = 'ExpPC',
    coef = 34.95,
    SE = 34.95/3.73
  ))

dat <- rbind(dat,
  data.frame(
    id = 578,
    published = 'Yes',
    title = 'Districting and Government Overspending',
    author = 'Baqir',
    year = 2002,
    journal = 'Public Choice',
    web = 'https://www.jstor.org/stable/pdf/10.1086/342804.pdf',
    table = 4,
    column = 4,
    indepvar = 'ln(Council Size)',
    indepvar2 = 'logN',
    depvar = 'ln(Government expenditure per capita)',
    depvar2 = 'logExpPC',
    coef = 0.1127,
    SE = 0.0373
  ))

dat <- rbind(dat,
  data.frame(
    id = 467,
    published = 'Yes',
    title = 'Institutional constraints on government spending',
    author = 'Primo',

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year = 2006,
journal = 'Economics and Politics',
web = 'https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1468-0343.2006.00171.x',
table = 5,
column = 4,
indepvar = 'Seats in lower chamber',
indepvar2 = 'N',
depvar = 'Real state and local expenditure per capita',
depvar2 = 'ExpPC',
coef = -0.82,
SE = 0.19
))

dat <- rbind(dat,
  data.frame(
    id = 467,
    published = 'Yes',
    title = 'Institutional constraints on government spending',
    author = 'Primo',
    year = 2006,
    journal = 'Economics and Politics',
    web = 'https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1468-0343.2006.00171.x',
    table = 5,
    column = 4,
    indepvar = 'Seats in upper chamber',
    indepvar2 = 'K',
    depvar = 'Real state and local expenditure per capita',
    depvar2 = 'ExpPC',
    coef = 0.97,
    SE = 0.74
  ))

dat <- rbind(dat,
  data.frame(
    id = 441,
    published = 'Yes',
    title = 'The law of k/n: the effect of chamber size on government spending in bicameral legislatures',
    author = 'Chen and Malhotra',
    year = 2007,
    journal = 'American Political Science Review',
    web = 'https://www.cambridge.org/core/services/aop-cambridge-core/content/view/E794E71F3182DAAEA2DA13',
    table = 3,
    column = 1,
    indepvar = 'Lower chamber size',
    indepvar2 = 'N',
    depvar = 'Per capita expenditure',
    depvar2 = 'ExpPC',
    coef = -1.4,
    SE = 0.64
  ))

dat <- rbind(dat,
  data.frame(

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id = 441,
published = 'Yes',
title = 'The law of k/n: the effect of chamber size on government spending in bicameral legislatures',
author = 'Chen and Malhotra',
year = 2007,
journal = 'American Political Science Review',
web = 'https://www.cambridge.org/core/services/aop-cambridge-core/content/view/E794E71F3182DAAEA2DA13',
table = 3,
column = 1,
indepvar = 'Upper chamber size',
indepvar2 = 'K',
depvar = 'Per capita expenditure',
depvar2 = 'ExpPC',
coef = 8.3,
SE = 2.35
))

dat <- rbind(dat,
  data.frame(
    id = 439,
    published = 'Yes',
    title = 'Legislative term limits and state spending',
    author = 'Erler',
    year = 2007,
    journal = 'Public Choice',
    web = 'https://www.jstor.org/stable/27698198',
    table = 2,
    column = 1,
    indepvar = 'Number of seats',
    indepvar2 = 'N',
    depvar = 'Expenditure per capita',
    depvar2 = 'ExpPC',
    coef = 3.93,
    SE = 1.18
  ))

dat <- rbind(dat,
  data.frame(
    id = 408,
    published = 'Yes',
    title = 'The impact of government structure on local public expenditures',
    author = 'MacDonald',
    year = 2008,
    journal = 'Public Choice',
    web = 'https://link.springer.com/content/pdf/10.1007/s11127-008-9308-8.pdf',
    table = 5,
    column = 3,
    indepvar = 'ln(Council Size)',
    indepvar2 = 'logN',
    depvar = 'Log Expenditure per capita',
    depvar2 = 'logExpPC',
    coef = 0.136,
    SE = 0.136/2.92
  ))

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))

dat <- rbind(dat,
  data.frame(
    id = 288,
    published = 'Yes',
    title = 'Does the size of the legislature affect the size of government? evidence from two natural ex',
    author = 'Pettersson-Lidbom',
    year = 2012,
    journal = 'Journal of Public Economics',
    web = 'https://reader.elsevier.com/reader/sd/pii/S0047272711001319?token=45100FEA2EACE2CA32B3D4B12207',
    table = 3,
    column = 5,
    indepvar = 'Council Size',
    indepvar2 = 'N',
    depvar = 'Log Expenditure per capita',
    depvar2 = 'logExpPC',
    coef = -0.159,
    SE = 0.041
  ))

dat <- rbind(dat,
  data.frame(
    id = 231,
    published = 'Yes',
    title = 'Coalition governments, cabinet size, and the common pool problem: evidence from the german s',
    author = 'Baskaran',
    year = 2013,
    journal = 'European Journal of Political Economy',
    web = 'https://reader.elsevier.com/reader/sd/pii/S0176268013000773?token=FECF22AE9B176134ACEB47ACOF11',
    table = 3,
    column = 4,
    indepvar = 'Parliament seats',
    indepvar2 = 'N',
    depvar = 'Real Expenditure per capita',
    depvar2 = 'ExpPC',
    coef = 0.974,
    SE = 0.974/1.743
  ))

dat <- rbind(dat,
  data.frame(
    id = 230,
    published = 'Yes',
    title = 'Legislatures, Leaders and Leviathans',
    author = 'Maldonado',
    year = 2012,
    journal = 'Social Science Quarterly',
    web = 'https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1540-6237.2012.00895.x',
    table = 2,
    column = 2,
    indepvar = 'Size lower chamber',
    indepvar2 = 'N',

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    depvar = 'Government Share of GDP',
    depvar2 = 'PCTGDP',
    coef = -0.0609,
    SE = 0.0117
  ))

dat <- rbind(dat,
  data.frame(
    id = 230,
    published = 'Yes',
    title = 'Legislatures, Leaders and Leviathans',
    author = 'Maldonado',
    year = 2012,
    journal = 'Social Science Quarterly',
    web = 'https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1540-6237.2012.00895.x',
    table = 2,
    column = 2,
    indepvar = 'Size upper chamber',
    indepvar2 = 'K',
    depvar = 'Government Share of GDP',
    depvar2 = 'PCTGDP',
    coef = -0.04,
    SE = 0.0132
  ))

dat <- rbind(dat,
  data.frame(
    id = 220,
    published = 'Yes',
    title = 'The impact of within-party and between-party ideological dispersion on fiscal outcomes: evidence from the United States',
    author = 'Bjedov, Lapointe, and Madiès',
    year = 2014,
    journal = 'Public Choice',
    web = 'https://link.springer.com/content/pdf/10.1007/s11127-013-0149-8.pdf',
    table = 3,
    column = 1,
    indepvar = 'Number of seats',
    indepvar2 = 'N',
    depvar = 'Spending per capita',
    depvar2 = 'ExpPC',
    coef = -0.003,
    SE = 0.01
  ))

dat <- rbind(dat,
  data.frame(
    id = 220,
    published = 'Yes',
    title = 'The impact of within-party and between-party ideological dispersion on fiscal outcomes: evidence from the United States',
    author = 'Bjedov, Lapointe, and Madiès',
    year = 2014,
    journal = 'Public Choice',
    web = 'https://link.springer.com/content/pdf/10.1007/s11127-013-0149-8.pdf',

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    table = 3,
    column = 2,
    indepvar = 'Number of seats',
    indepvar2 = 'N',
    depvar = 'Spending (%) GDP',
    depvar2 = 'PCTGDP',
    coef = -0.004,
    SE = 0.02
  ))

dat <- rbind(dat,
  data.frame(
    id = 208,
    published = 'Yes',
    title = 'Communication in federal politics: universalism, policy uniformity, and the optimal allocation of seats',
    author = 'Kessler',
    year = 2014,
    journal = 'Journal of Political Economy',
    web = 'https://www.jstor.org/stable/pdf/10.1086/676404.pdf?refreqid=excelsior%3A202fbd841dc5514e87648',
    table = 2,
    column = 4,
    indepvar = 'Council size',
    indepvar2 = 'N',
    depvar = 'Spending per capita',
    depvar2 = 'ExpPC',
    coef = 0.174,
    SE = 0.085
  ))

dat <- rbind(dat,
  data.frame(
    id = 176,
    published = 'Yes',
    title = 'Local intergovernmental competition and the law of 1/n',
    author = 'Crowley',
    year = 2015,
    journal = 'Southern Economic Association',
    web = 'https://onlinelibrary.wiley.com/doi/epdf/10.4284/0038-4038-2013.075',
    table = 2,
    column = 1,
    indepvar = 'Lower chamber seats',
    indepvar2 = 'N',
    depvar = 'Per capita total expenditure',
    depvar2 = 'ExpPC',
    coef = -180.382,
    SE = 27.822
  ))

dat <- rbind(dat,
  data.frame(
    id = 176,
    published = 'Yes',
    title = 'Local intergovernmental competition and the law of 1/n',

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```

author = 'Crowley',
year = 2015,
journal = 'Southern Economic Association',
web = 'https://onlinelibrary.wiley.com/doi/epdf/10.4284/0038-4038-2013.075',
table = 2,
column = 1,
indepvar = 'Upper chamber seats',
indepvar2 = 'K',
depvar = 'Per capita total expenditure',
depvar2 = 'ExpPC',
coef = 365.621,
SE = 55.812
))

dat <- rbind(dat,
  data.frame(
    id = 3,
    published = 'Yes',
    title = 'The law of 1/n revisited: distributive politics, legislature size, and the costs of collecti
    author = 'Crowley',
    year = 2019,
    journal = 'Southern Economic Journal',
    web = 'https://onlinelibrary.wiley.com/doi/epdf/10.1002/soej.12388',
    table = 2,
    column = 1,
    indepvar = 'Upper chamber (senate) seats',
    indepvar2 = 'K',
    depvar = 'Per capita total expenditure',
    depvar2 = 'ExpPC',
    coef = 8.21,
    SE = 4.051
  ))

dat <- rbind(dat,
  data.frame(
    id = 3,
    published = 'Yes',
    title = 'The law of 1/n revisited: distributive politics, legislature size, and the costs of collecti
    author = 'Crowley',
    year = 2019,
    journal = 'Southern Economic Journal',
    web = 'https://onlinelibrary.wiley.com/doi/epdf/10.1002/soej.12388',
    table = 2,
    column = 1,
    indepvar = 'Lower chamber (senate) seats',
    indepvar2 = 'N',
    depvar = 'Per capita total expenditure',
    depvar2 = 'ExpPC',
    coef = -0.351,
    SE = 0.745
  ))

dat <- rbind(dat,

```

```

data.frame(
  id = 8,
  published = 'Yes',
  title = 'Legislature size, local government expenditure and taxation, and public service access in in',
  author = 'Lewis',
  year = 2019,
  journal = 'Studies in Comparative International Development',
  web = 'https://link.springer.com/content/pdf/10.1007/s12116-019-09278-1.pdf',
  table = 4,
  column = NA,
  indepvar = 'Legislature size',
  indepvar2 = 'N',
  depvar = 'Log per capita total expenditure',
  depvar2 = 'logExpPC',
  coef = -0.174,
  SE = (-0.174+0.245)/1.96
))

dat <- rbind(dat,
  data.frame(
    id = 42,
    published = 'Yes',
    title = 'Court-ordered redistricting and the law of 1/n',
    author = 'Lee and Park',
    year = 2018,
    journal = 'Public Choice',
    web = NA,
    table = 2,
    column = 1,
    indepvar = 'Lower',
    indepvar2 = 'N',
    depvar = 'Total expenditure per capita',
    depvar2 = 'ExpPC',
    coef = -0.851,
    SE = 1.395
  ))

dat <- rbind(dat,
  data.frame(
    id = 42,
    published = 'Yes',
    title = 'Court-ordered redistricting and the law of 1/n',
    author = 'Lee and Park',
    year = 2018,
    journal = 'Public Choice',
    web = NA,
    table = 2,
    column = 1,
    indepvar = 'Upper',
    indepvar2 = 'K',
    depvar = 'Total expenditure per capita',
    depvar2 = 'ExpPC',
    coef = 19.74,

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    SE = 8.406
  ))

dat <- rbind(dat,
  data.frame(
    id = 82,
    published = 'Yes',
    title = 'Legislative fragmentation and government spending in presidential democracies: bringing ideas to the floor',
    author = 'Hömann',
    year = 2017,
    journal = 'Public Choice',
    web = 'https://link.springer.com/content/pdf/10.1007/s11127-017-0484-2.pdf',
    table = 2,
    column = 1,
    indepvar = 'Total number of seats in the legislature',
    indepvar2 = 'N',
    depvar = 'Log expenditure per capita',
    depvar2 = 'logExpPC',
    coef = -0.03,
    SE = 0.01
  ))

dat <- rbind(dat,
  data.frame(
    id = 102,
    published = 'Yes',
    title = 'The price of democracy? political representation structure and per capita expenditure in vicarious democracy',
    author = 'Drew and Dollery',
    year = 2017,
    journal = 'Urban Affairs Review',
    web = '10.1007/s11127-016-0369-9',
    table = 2,
    column = 1,
    indepvar = 'No. of representatives',
    indepvar2 = 'N',
    depvar = 'Ln Expenditure per capita',
    depvar2 = 'logExpPC',
    coef = 0.077,
    SE = 0.028
  ))

dat <- rbind(dat,
  data.frame(
    id = 132,
    published = 'Yes',
    title = 'Supermajority rule and bicameral bargaining',
    author = 'Lee',
    year = 2016,
    journal = 'Public Choice',
    web = 'https://link.springer.com/article/10.1007/s11127-016-0369-9',
    table = 3,
    column = 1,
    indepvar = 'Lower',

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indepvar2 = 'N',
depvar = 'Per capita expenditure',
depvar2 = 'ExpPC',
coef = 0.0164,
SE = 1.313
))

dat <- rbind(dat,
  data.frame(
    id = 132,
    published = 'Yes',
    title = 'Supermajority rule and bicameral bargaining',
    author = 'Lee',
    year = 2016,
    journal = 'Public Choice',
    web = 'https://link.springer.com/article/10.1007/s11127-016-0369-9',
    table = 3,
    column = 1,
    indepvar = 'Upper',
    indepvar2 = 'K',
    depvar = 'Per capita expenditure',
    depvar2 = 'ExpPC',
    coef = 38.44,
    SE = 19.23
  ))

```