Codebook for *Time-series, cross-sectional dataset on police jurisdictions in Tokyo, Japan from 1922 until 1933*

Daniel P. Aldrich

daniel.aldrich[at]gmail.com

20 September 2012

With special thanks to Takahiro Yamamoto for his excellent research assistance and to the Abe Fellowship for providing funding for the fieldwork and data retrieval which were necessary for this project over the 2007-2008 academic year. Thanks also to Christian Brunelli for suggesting the 1923 Tokyo earthquake as a starting point for my research.

Data sources:

Election statistics:

Tōkyō shi Kansakyoku Tōkeika [Tokyo City Audit Department, Statistics Section]. (1936). *Senkyo to Tōkei* [Elections and Statistics]. Tokyo: Tokyo City Government.

1928 *Shugiin senkyo* - February 20

Geographic data:

Fukkōkyoku [Reconstruction Bureau](ed.). (1930). *Fukkō Kansei Kinen Tokyo Shigai Chizu* [Tokyo City Map Celebrating the Completion of its Recovery]. Tokyo: Tokyo Nichinichi Shimbun.

Koban-level data:

Keishichō Kanbō Bunshoka Tōkeigakari [Metropolitan Police Headquarters Archives Secretariat, Statistics Officials]. (various years). *Keishichō Tōkeisho* [Metropolitan Police Statistics]. Tokyo: Keishichō.

Ku-level data on building damage, earthquake deaths:

Naimushō Shakaikyoku (Bureau of Social Affairs, Home Office). (1926). The great earthquake of 1923 in Japan. Tokyo: Sanshusha Press.

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district District

---

type: string (str15)

unique values: 39 missing "": 0/468

examples: "Kagurazaka"

"Nanakencho"

"Roppongi"

"Toriizaka"

---

year (unlabeled)

---

type: numeric (int)

range: [1922,1933] units: 1

unique values: 12 missing .: 0/468

mean: 1927.5

std. dev: 3.45575

percentiles:	10%	25%	50%	75%	90%
	1923	1924.5	1927.5	1930.5	1932

---

dvshitamachi1 Dummy variable, 1 if Shitamachi

---

type: numeric (byte)

range: [0,1] units: 1

unique values: 2 missing .: 0/468

tabulation: Freq. Value

192 0

276 1

---

area Square kilometers

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type: numeric (float)

range: [.76302791,4.3434854] units: 1.000e-08

unique values: 39 missing .: 0/468

mean: 1.97051

std. dev: .926464

percentiles:	10%	25%	50%	75%	90%
	.856754	1.16529	1.79925	2.45188	3.45872

---

tpop Total population

---

type: numeric (long)

range: [3505,97036] units: 1

unique values: 467 missing .: 0/468

mean: 49745.9

std. dev: 18783.3

percentiles:	10%	25%	50%	75%	90%
	25767	34614	50766	62041.5	72861

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nreqpolgath Political gatherings, no police notification required

---

type: numeric (int)

range: [1,843] units: 1

unique values: 146 missing .: 234/468

mean: 114.97

std. dev: 88.5039

percentiles:	10%	25%	50%	75%	90%
	19	56	100.5	166	215

---

polgath Political gatherings, political notification required

---

type: numeric (int)

range: [0,1856] units: 1

unique values: 90 missing .: 234/468

mean: 64.6239

std. dev: 174.014

percentiles:	10%	25%	50%	75%	90%
	0	0	3	58	169

---

tfacwork Total factory workers

---

type: numeric (int)

range: [113,11964] units: 1

unique values: 406 missing .: 39/468

mean: 2555.1

std. dev: 2157.76

percentiles:	10%	25%	50%	75%	90%
	565	1167	1956	3210	5228

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tsuicide Total number of suicides

---

type: numeric (byte)

range: [0,29] units: 1

unique values: 28 missing .: 0/468

mean: 8.83333

std. dev: 5.78357

percentiles:	10%	25%	50%	75%	90%
	2	5	8	12	17

---

pblent Pawn broker lending amount

---

type: numeric (double)

range: [0,3199961] units: .001

unique values: 451 missing .: 0/468

mean: 548063

std. dev: 420112

percentiles:	10%	25%	50%	75%	90%
	113494	258105	449051	726857	1.1e+06

---

inns Number of inns

---

type: numeric (int)

range: [0,357] units: 1

unique values: 121 missing .: 0/468

mean: 43.3376

std. dev: 47.2887

percentiles:	10%	25%	50%	75%	90%
	6	13	28	64	90

---

innguests Number of guests at inns

---

type: numeric (long)

range: [0,252117] units: 1

unique values: 459 missing .: 0/468

mean: 22366.3

std. dev: 36245.4

percentiles:	10%	25%	50%	75%	90%
	1061	2374.5	8813	25950.5	61187

---

dayplays Number of plays held during the day

---

type: numeric (int)

range: [0,4942] units: 1

unique values: 283 missing .: 0/468

mean: 530.521

std. dev: 603.431

percentiles:	10%	25%	50%	75%	90%
	0	0	351	838	1388

---

rickshaw Number of rickshaws

---

type: numeric (int)

range: [4,1083] units: 1

unique values: 239 missing .: 39/468

mean: 131.219

std. dev: 138.5

percentiles:	10%	25%	50%	75%	90%
	15	33	79	197	324

---

rickpull Number of rickshaw pullers

---

type: numeric (int)

range: [2,1173] units: 1

unique values: 243 missing .: 39/468

mean: 151.427

std. dev: 173.333

percentiles:	10%	25%	50%	75%	90%
	17	37	93	207	350

---

commcars Number of commercial cars

---

type: numeric (int)

range: [0,2420] units: 1

unique values: 271 missing .: 39/468

mean: 211.965

std. dev: 277.305

percentiles:	10%	25%	50%	75%	90%
	10	34	125	306	463

---

privcars Number of private cars

---

type: numeric (int)

range: [0,1431] units: 1

unique values: 138 missing .: 39/468

mean: 61.3217

std. dev: 136.076

percentiles:	10%	25%	50%	75%	90%
	3	9	29	66	114

---

tcrimes Total number of crimes

---

type: numeric (int)

range: [58,7631] units: 1

unique values: 444 missing .: 0/468

mean: 1557.81

std. dev: 1135.36

percentiles:	10%	25%	50%	75%	90%
	353	752.5	1340	2055	2863

---

cdamage Total crime damage, in yen

---

type: numeric (long)

range: [3422,16926549] units: 1

unique values: 467 missing .: 0/468

mean: 177400

std. dev: 862367

percentiles:	10%	25%	50%	75%	90%
	23306	44140	75308	147921	239458

---

kuvoterturnoutmuni Voter turnout in municipal elections

---

type: numeric (float)

range: [48.7,75.5] units: .1

unique values: 28 missing .: 390/468

mean: 67.65

std. dev: 6.88416

percentiles:	10%	25%	50%	75%	90%
	56.4	64.4	70.55	73.3	74.4

---

kuvoterturnoutnatl Voter turnout in national elections

---

type: numeric (float)

range: [77.4,84.3] units: .1

unique values: 13 missing .: 429/468

mean: 79.7974

std. dev: 1.57522

percentiles:	10%	25%	50%	75%	90%
	78.2	78.5	79.6	80.5	81.9

---

injuredeq Number of residents injured in 1923 earthquake

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type: numeric (float)

range: [31.098,5906.6392] units: .0001

unique values: 39 missing .: 429/468

mean: 1044.34

std. dev: 1193.01

percentiles:	10%	25%	50%	75%	90%
	48.96	100.596	543.356	1599.35	2653.66

---

missingeq Number of residents missing after 1923 earthquake

---

type: numeric (float)

range: [.447,2544.0259] units: .0001

unique values: 39 missing .: 429/468

mean: 620.357

std. dev: 781.775

percentiles:	10%	25%	50%	75%	90%
	3	28.783	166.145	1262.75	1868.36

---

popaffectedeqtotal Total injured, missing, or dead due to earthquake

---

type: numeric (float)

range: [72,20277.41] units: .0001

unique values: 39 missing .: 429/468

mean: 3649.03

std. dev: 5499.57

percentiles:	10%	25%	50%	75%	90%
	96.678	561.471	1048.94	3490.89	14357.5

---

unemploymentduetoeq Number of unemployed due to quake

---

type: numeric (float)

range: [215.628,4347.5449] units: .0001

unique values: 39 missing .: 429/468

mean: 1762.64

std. dev: 889.81

percentiles:	10%	25%	50%	75%	90%
	680.05	1004.51	1761.87	2351.12	2986

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needysufferers Number of individuals designated as such by city govt

---

type: numeric (double)

range: [64.291,113433.6] units: .0001

unique values: 78 missing .: 390/468

mean: 15735.1

std. dev: 21990.8

percentiles:	10%	25%	50%	75%	90%
	210.891	1354.45	5467.49	21138.2	50323.6

---

tsubotemphousing Area of temporary housing units (in 3.3 sq-meter units)

---

type: numeric (float)

range: [20.148317,971] units: 1.000e-06

unique values: 32 missing .: 436/468

mean: 169.39

std. dev: 225.471

percentiles:	10%	25%	50%	75%	90%
	47.094	61.1959	91.7836	164.388	273.531

---

poptemphousing Number of individuals in temporary housing following the quake

---

type: numeric (float)

range: [20.940466,2816.6868] units: 1.000e-06

unique values: 32 missing .: 436/468

mean: 296.406

std. dev: 509.496

percentiles:	10%	25%	50%	75%	90%
	33.0286	74.7246	144	300.049	542.443

---

popgrowthrate Annual population growth rate

---

type: numeric (float)

range: [-.59810591,1.0882887] units: 1.000e-10

unique values: 429 missing .: 39/468

mean: .021631

std. dev: .186869

percentiles:	10%	25%	50%	75%	90%
	-.067442	-.011897	.012738	.051707	.114919

---

lagpopgrowth Lagged population growth rate

---

type: numeric (float)

range: [-.59810591,1.0882887] units: 1.000e-10

unique values: 390 missing .: 78/468

mean: .023611

std. dev: .19577

percentiles:	10%	25%	50%	75%	90%
	-.085215	-.012288	.015673	.056433	.128154

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elevenyearrecoveryrate Population change over 11 years after quake

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type: numeric (float)

range: [-.29348922,.27744651] units: 1.000e-09

unique values: 39 missing .: 429/468

mean: .048313

std. dev: .097245

percentiles:	10%	25%	50%	75%	90%
	-.066644	-.007251	.043373	.114821	.160196

---

averagemuniturnout Average voter turnout in municipal elections

---

type: numeric (float)

range: [57.25,73.3] units: .01

unique values: 15 missing .: 429/468

mean: 67.65

std. dev: 4.70623

percentiles:	10%	25%	50%	75%	90%
	59.85	66.15	68.5	72.65	72.85

---

averagenumberpoldem11years AverageNumberPolDem11Years

---

type: numeric (float)

range: [20.833334,301.33334] units: 1.000e-06

unique values: 39 missing .: 429/468

mean: 114.97

std. dev: 61.1375

percentiles:	10%	25%	50%	75%	90%
	50.1667	68.5	94	155	210.5

TreatPolGath Political gatherings dichotomized at mean

---

type: numeric (float)

range: [0,1] units: 1

unique values: 2 missing .: 234/468

tabulation: Freq. Value

178 0

56 1

234 .

---

popdensity Population divided into area

---

type: numeric (float)

range: [1611.5535,64955.902] units: .0001

unique values: 467 missing .: 0/468

mean: 29098.3

std. dev: 13104.4

percentiles:	10%	25%	50%	75%	90%
	12885.9	20801.2	27179.9	38981.9	48510.5

---

killedeq Number of residents killed in earthquake, rounded

---

type: numeric (int)

range: [4,14921] units: 1

unique values: 38 missing .: 429/468

mean: 1716.1

std. dev: 3854.29

percentiles:	10%	25%	50%	75%	90%
	29	45	166	678	10565

---

perckilledeq Percentage of residents killed in the 1923 earthquake

---

type: numeric (float)

range: [.0001,.2088] units: .0001

unique values: 27 missing .: 429/468

mean: .028759

std. dev: .062076

percentiles:	10%	25%	50%	75%	90%
	.0007	.0015	.0035	.0126	.2016

---

extperckilleq Percentage of residents killed in the 1923 earthquake, extended over time series

---

type: numeric (float)

range: [.0001,.2088] units: .0001

unique values: 27 missing .: 0/468

mean: .028759

std. dev: .06134

percentiles:	10%	25%	50%	75%	90%
	.0007	.0015	.0035	.0126	.2016

---

tfacworkpercap Total number of factory workers per capita

---

type: numeric (float)

range: [.00241561,.72325248] units: 1.000e-10

unique values: 429 missing .: 39/468

mean: .062783

std. dev: .090338

percentiles:	10%	25%	50%	75%	90%
	.016841	.023745	.038812	.065566	.118133

---

tcrimepercap Total number of crimes per capita

---

type: numeric (float)

range: [.00207662,.98174036] units: 1.000e-10

unique values: 468 missing .: 0/468

mean: .045443

std. dev: .107546

percentiles:	10%	25%	50%	75%	90%
	.010748	.016959	.025128	.03829	.059551

---

cdamagepercap Crime damage per capita

---

type: numeric (float)

range: [.09973812,401.41696] units: 1.000e-08

unique values: 468 missing .: 0/468

mean: 6.80819

std. dev: 32.2931

percentiles:	10%	25%	50%	75%	90%
	.627215	.898958	1.43156	2.82889	5.43275

---

pblentpercap Pawn broker lending per capita

---

type: numeric (float)

range: [0,47.092186] units: 1.000e-10

unique values: 451 missing .: 0/468

mean: 10.2926

std. dev: 6.29207

percentiles:	10%	25%	50%	75%	90%
	2.99401	6.12649	9.4568	14.0809	18.5163

---

tsuicidepercap Total suicides per capita

---

type: numeric (float)

range: [0,.00239234] units: 1.000e-12

unique values: 448 missing .: 0/468

mean: .000207

std. dev: .000258

percentiles:	10%	25%	50%	75%	90%
	.000046	.000099	.000162	.000238	.000345

---

guestsperinn Average number of guests per inn

---

type: numeric (float)

range: [1.5555556,4188.5] units: 1.000e-07

unique values: 466 missing .: 2/468

mean: 576.634

std. dev: 686.21

percentiles:	10%	25%	50%	75%	90%
	53.7442	113.308	307.357	755.4	1440.45

---

districtnumber Arbitrary district number

---

type: numeric (byte)

range: [1,39] units: 1

unique values: 39 missing .: 0/468

mean: 20

std. dev: 11.2667

percentiles:	10%	25%	50%	75%	90%
	4	10	20	30	36

HighSC 1 for koban jurisdictions with higher than

average voting and political gatherings

---

type: numeric (float)

range: [0,1] units: 1

unique values: 2 missing .: 422/468

tabulation: Freq. Value

26 0

20 1

422 .

DichotPopGrowth Population growth rates, dichotimized at mean

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type: numeric (float)

range: [0,1] units: 1

unique values: 2 missing .: 0/468

tabulation: Freq. Value

245 0

223 1