Codebook for Integrated Database "Dez_and_Death_integrated_dataset"				
Variable name	*Variable description*	*Data type*	*Min - max*	*Source*
Aportaciones_Cap	Real earmarked intergovernmental transfers per capita: Ingresos_Aport_Fed_Est_Real/Population (1995, 2000, 2005, 2010, 2015)	numeric	0 ... 26044.24	Own calculation, raw data from INEGI (see original variable(s))
Aportaciones_Share	Earmarked intergovernmental transfers as share of total revenue: Ingresos_Aport_Fed_Est_Real/Ingresos_Total_Real (1989-2016)	numeric	0 ... 1	Own calculation, raw data from INEGI (see original variable(s))
Area_Size	Territory of a municipality in square kilometers	numeric	1.47 ... 52482.4	Instituto Nacional de Estadística y Geografía (INEGI)
CIDE_OC_deaths	Any death related to a direct confrontation between two or more OCGs or to targeted executions of OCG members (2007-2011), variable was computed substracting those deaths that occured with public forces involved from the total number of OCG related deaths	numeric	0 ... 2673	Drug Policy Program at the Center for Teaching and Research in Economics in Mexico City ("CIDE-PPD Database")
CIDE_OC_deaths_Cap	Number of OCG confrontation related deaths per capita (per 1000 inhabitants): CIDE_OC_deaths/Population (2006-2011)	numeric	0 ... 14.87862	Own calculation, raw data from CIDE (OCG homicides) and INEGI (Population) (see original variable(s))
CIDE_OC_deaths_Cap_Log	Log-transformation of CIDE_OC_deaths_Cap_Pos (2006-2011)	numeric	-6.316034 ... 2.699925	Own calculation, raw data from CIDE (OCG homicides) and INEGI (Population) (see original variable(s))
CIDE_OC_deaths_Cap_Pos	Variable reflecting OCG confrontation related deaths per capita, including positive homicides rates only (1990-2015)	numeric	0.0018071 ... 14.87862	Own calculation, raw data from CIDE (OCG homicides) and INEGI (Population) (see original variable(s))
code	Official INEGI identifier for each Mexican municipality	numeric/ integer	01001 ... 32058, the fist two characters identify the state a municipality is located in, the last three characters identify the municpality	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
cpi_baseline_2010	Consumer Price Index (baseline: 2010) (1985-2017)	numeric	.8363959 ... 130.1978	World Bank, World Development Indicators
Debt_Share	Share of local debt of local revenue: Ingresos_Financiamientos_Real/ Ingresos_Total_Real (1989-2016)	numeric	0 ... 0.99	Own calculation, raw data from INEGI (see original variable(s))
dev_Own_Revenue_Share	Deviation of own-revenue share in a given year from a municipality´s average (within variation) (1989-2016)	numeric	-4.61806 ... 9.491256	Own calculation, raw data from INEGI (see original variable(s))
dev_Spending_Cap_Real_Munic	Deviation of local per capita spending in a given year from a municipality´s averiage (within variation) (1995, 2000, 2005, 2010, 2015)	numeric	-13.3069 ... 34.93483	Own calculation, raw data from INEGI (see original variable(s))
Dummy_Border	Dummy indicating whether a municipality is located in a state that borders the United States	numeric / binary	1: At the border 0: Not at the border	
Dummy_Border_PCoast	Dummy indicating whether a municipality is located in a state that borders the United States or is located at the Pacific coast	numeric / binary	1: At the border or Pacific coast 0: Not at the border or at the Pacific coast	
Earthquakes and volcanic activity	Dummy variable identifying municipalies that were included in at least one disaster or emergency declaration as a consequence of an earthquake or volcanic activity in a given year	numeric / binary	1: Declaration of disaster or emergency 0: No declaration of disaster or emergency	National Center for Disaster Prevention (CENAPRED)
Egresos_Bienes_Real	Total spending on goods and property (bienes muebles, inmuebles e intangibles) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 8.75e+08	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Deuda_Real	Total spending on debt service (deuda pública) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 2.40e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Disp_Fin_Real	Total of available financial resources at the end of the fiscal year (disponibilidad final) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 1.45e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Inver_Fin_Real	Total spending on financial investment (inversiones financieras y otras provisiones) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 2.12e+08	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Inver_Publ_Real	Total spending on public investment (inversión pública) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 3.30e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Materiales_Real	Total spending on materials (materiales y suministros) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 9.03e+08	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Otros_Real	Total spending on other items (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 2.00e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Serv_Gen_Real	Total spending related to operating costs (servicios generales) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 1.13e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Serv_Person_Real	Total spending on personnel (servicios personales) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 3.60e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Total_Real	Total spending (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	3178.601 ... 7.51e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Egresos_Transfers_Real	Total spending on transfers, subsidies or allowances (transferencias, asignaciones, subsidios y otras ayudas) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 1.39e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
estado	Name of state each municipality is located in	string		

Estado_ID	State identifier	numeric/ integer	1: Aguascalientes 2: Baja California 3: Baja California Sur 4: Campeche 5: Coahuila de Zaragoza 6: Colima 7: Chiapas 8: Chihuahua 9: Mexico City 10: Durango 11: Guanajuato 12: Guerrero 13: Hidalgo 14: Jalísco 15: México 16: Michoacán de Ocampo 17: Morelos 18: Nayarit 19: Nuevo León 20: Oaxaca 21: Puebla 22: Querétaro 23: Quintana Roo 24: San Luis Potosí 25: Sinaloa 26: Sonora 27: Tabasco 28: Tamaulipas 29: Tlaxcala	
gini	Local gini coefficient (/10, ranging from 0 (no inequalities), 10 (full inequalities)) (2010, 2015)	numeric	2.89 ... 6.59	Consejo Nacional de Evaluación de la Política de Desarrollo Social (CONEVAL)
HDI_Services	Local Human Development Index (/10, ranging from 0 (no human development) to 10 (full human development)) (1995, 2000, 2005, 2010)	numeric	0 ... 9.27	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
Homicides_All	Number of homicides reported (1990-2015)	numeric	0 ... 3766	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
Homicides_All_Cap	Number of homicides per capita (per 1000 inhabitants): Homicides_All/Population (1990-2015)	numeric	0 ... 22.70947	Own calculation, raw data from INEGI (see original variable(s))
Homicides_All_Cap_Pos	Variable reflecting homicides per capita, including positive homicides rates only (1990-2015)	numeric	.0065281 ... 22.70947	Own calculation, raw data from INEGI (see original variable(s))
Homicides_All_Cap_Pos_Log	Log-transformation of Homicides_All_Cap_Pos (1990-2015)	numeric	-5.03164 ... 3.122782	Own calculation, raw data from INEGI (see original variable(s))
Household_Size	Average number of household members (1995, 2000, 2005, 2010, 2015)	numeric	2.41 ... 9.4	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
Households_Total	Total number of households (1995, 2000, 2005, 2010, 2015)	numeric	31 ... 495665	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
Hurricanes	Dummy variable identifying municipalies that were included in at least one disaster or emergency declaration as a consequence of a hurricane in a given year	numeric / binary	1: Declaration of disaster or emergency 0: No declaration of disaster or emergency	National Center for Disaster Prevention (CENAPRED)
Indigenous_Pop_Numb	Number of inhabitants belonging to an indigenous group	numeric	0 ... 230277	Comisión Nacional para el Desarrollo de Poblaciones Indígenas (CDI)
Indigenous_Pop_Share	Share of indigenous population of total population: Indigenous_Pop_Numb/Population*100 (2000, 2005, 2010, 2015)	numeric	0 ... 100	Own calculation, raw data from CDI (see original variable(s))
Ingresos_Aport_Fed_Est_Real	Total revenue from earmarked intergovernmental transfers (aportaciones) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 2.06e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Aprovechamientos_Real	Total revenue from the imposition of fines or penalty fees (aprovechamientos) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 2.29e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Contrib_De_Mejoras_Real	Total local revenue from fees for public infrastructure construction and maintenance (contribuciones de mejoras) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 2.69e+08	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Derechos_Real	Total revenue from user fees (derechos) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 1.08e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Disp_Inicial_Real	Total of available financial resources at the beginning of the fiscal year (disponibilidad inicial) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 8.79e+08	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Financiamientos_Real	Total revenue from debt (financiamiento) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 2.36e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Impuestos_Real	Total local revenue from taxes (impuestos) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 1.69e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Otros_Real	Total revenue from other sources (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 1.21e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Particip_Real	Total revenue from non-earmarked intergovernmental transfers (participaciones) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 2.87e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Productos_Real	Total revenue from renting out or the sale of public property (productos) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 4.49e+08	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Quotas_SS_Real	Total local revenue from social security contributions (Cuotas y aportaciones de seguridad social) (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	0 ... 1.21e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales
Ingresos_Total_Real	Total local revenue (Mexican pesos, CPI adjusted, 2010) (1989-2016)	numeric	3178.601 ... 7.51e+09	Current values obtained from Instituto Nacional de Estadística y Geografía (INEGI), Estadística de Finanzas Públicas Estatales y Municipales

Ingv_Transfers_Cap	(Ingresos_Particip_Real+Ingresos_Aport_Fed_Est_Real)/Population (1995, 2000, 2005, 2010, 2015)	numeric	0 ... 32904.7	Own calculation, raw data from INEGI (see original variable(s))
Ingv_Transfers_Share	Intergovernmental transfers as share of total revenue: (Ingresos_Particip_Real+Ingresos_Aport_Fed_Est_Real)/Ingresos_Total_Real (1989-2016)	numeric	0 ... 1	Own calculation, raw data from INEGI (see original variable(s))
Laakso_Tag_Ind	Laakso-Taagepera index, indicating the effective number of parties participating in local elections; municipalities under traditional law coded "1"	numeric	1 ... 8.800917	Centro de Investigación para el Desarrollo en México (CIDAC, http://cidac.org/) as well as Electoral Institutes of the States
Loc_Police_Per_Head	Number of local policy per 1000 inhabitants: (Police_Municipal/ Population*1000) (2010)	numeric	.0115828 ... 114.0251	Own calculation, raw data from INEGI (see original variable(s))
Loc_Police_Per_Head_Ipol	Interpolated number of local police divided by Population (per 1000 inhabitants): (Police_Municipal_Ipol/Population*1000)	numeric	0 ... 114.0251	Own calculation, raw data from INEGI (see original variable(s))
Males_Per_100_Females	Average number of males per 100 females (1995, 2000, 2005, 2010, 2015)	numeric	63.2 ... 172.9	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
mn_Own_Revenue_Share	Average of own-revenue share of a municipality (between variation) (1989-2016)	numeric	0.0088151 ... 5.834595	Own calculation, raw data from INEGI (see original variable(s))
mn_Spending_Cap_Real_Munic	Average of local per capita spending of a municipality (between variation) (1995, 2000, 2005, 2010, 2015)	numeric	0.1924684 ... 19.58288	Own calculation, raw data from INEGI (see original variable(s))
Munic_Size_Categ	Categorical population variable classifying municipalities according to the quartile they are located in	numeric / integer	1 ... 4	Own calculation, raw date from INEGI (see original variable(s))
municipio	Name of municipality	string	-	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
Number_Head_of_HH_Female	Number of female headed households (2000, 2005, 2010, 2015)	numeric	6 ... 175491	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
Own_Revenue_Share	Locally generated revenue per capita: (Ingresos_Impuestos_Real+ Ingresos_Contrib_De_Mejoras_Real+ Ingresos_Derechos_Real + Ingresos_Productos_Real + Ingresos_Aprovechamientos_Real + Ingresos_Quotas_SS_Real)/ Ingresos_Total_Real)*10 (1989-2016); for interpretation purposes, the share was multiplied by a factor of 10	numeric	0 ... 10	Own calculation, raw data from INEGI (see original variable(s))
Participaciones_Cap	Real earmarked intergovernmental transfers per capita: Ingresos_Particip_Real/Population (1995, 2000, 2005, 2010, 2015)	numeric	0 ... 20442.07	Own calculation, raw data from INEGI (see original variable(s))
Participaciones_Share	Non-earmarked intergovernmental transfers as share of total revenue: Ingresos_Particip_Real/Ingresos_Total_Real (1989-2016)	numeric	0 ... 1	Own calculation, raw data from INEGI (see original variable(s))
participation_hom	Dummy indicating whether a municipality suffered from violence (i.e., at least one homicide) in a given year (1990-2015)	numeric	1: violence occured 0: violence did not occur	Own calculation, raw data from INEGI (see original variable(s))
participation_OC_CIDE_deaths	Dummy indicating whether a municipality suffered from OCG confrontation related violence in a given year (1990-2015)	numeric	1: violence occured 0: violence did not occur	Own calculation, raw data from CIDE (see original variable(s))
Police_Municipal	Number of local police (2008, 2010, 2012, 2014, 2016)	numeric	0 ... 3824	Instituto Nacional de Estadística y Geografía (INEGI), Censos Nacionales de Gobiernos Municipales y Delegacionales 2009, 2011, 2013, 2015, 2017
Police_Municipal_Ipol	Interpolated number of local police: (Police_Municipal/ Population*1000) (2008-2016)	numeric	0 ... 3824	Own calculation, raw data from INEGI (see original variable(s))
Population	Number of inhabitants of each municipality (1995, 2000, 2005, 2010, 2015)	numeric	0.0087 ... 182.7868	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
Population_15_29_Males	Share of male population aged between 15-29 years (1995, 2000, 2005, 2010, 2015)	numeric	4.5 ... 39	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
Population_Density	Population (in 100s) per area size: (Population/100)/Area_Size	numeric	0.0012482 ... 193.5783	Own calculation, raw date from INEGI (see original variable(s))
Population_Females	Share of female population in percent (1995, 2000, 2005, 2010, 2015)	numeric	36.64 ... 61.27	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
Population_Males	Share of male population in percent (1995, 2000, 2005, 2010, 2015)	numeric	38.729 ... 63.36	Instituto Nacional de Estadística y Geografía (INEGI), Sistema Estatal y Municipal de Base de Datos (SIMBAD)
poverty	Official national poverty rate (absolute, multidimensional)	numeric	2.73 ... 99.94	Consejo Nacional de Evaluación de la Política de Desarrollo Social (CONEVAL)
Revenue_Cap_Real	Real revenue per capita: Ingresos_Total_Real/Population (1989-2016)	numeric	37.51446 ... 54517.71	Own calculation, raw data from INEGI (see original variable(s))
Sec_Spending_Cap_2010	Local security spending in 100 Mexican pesos per capita: (Sec_Spending_real)/100)/ Population (2010)	numeric	.0029725 ... 27.93281	Own calculation, raw data from INEGI (see original variable(s))
Sec_Spending_Cap_Lag_1015	Local security spending in 100 Mexican pesos per capita for 2010 and 2015	numeric	.0029725 ... 50.93063	Own calculation, raw data from INEGI (see original variable(s))
Sec_Spending_Cap_Lag_2015	Local security spending in 100 Mexican pesos per capita: (Lag of Sec_Spending_real)/100)/ Population (2015)	numeric	0.0053749 ... 50.93063	Own calculation, raw data from INEGI (see original variable(s))
Sec_Spending_real	Total local security spending in 100 Mexican pesos, (Sec_Spending_Share/100)*Egresos_Total_Real)	numeric	7724.009 ... 1.39e+09	Own calculation, raw data from INEGI (see original variable(s))
Sec_Spending_real_Lag	Lag of Sec_Spending_real (2009, 2011, 2013, 2015, 2017)	numeric	7724.009 ... 1.39e+09	Own calculation, raw data from INEGI (see original variable(s))
Sec_Spending_Share	Share of spending on public security in total local spending (2010, 2014)	numeric	0 ... 75	Instituto Nacional de Estadística y Geografía (INEGI), Censos Nacionales de Gobiernos Municipales y Delegacionales 2011, 2015
Share_Head_of_HH_Female	Share of female headed households of total households: Number_Head_of_HH_Female/ Households_Total*100 (2000, 2005, 2010, 2015)	numeric	2.51046 ... 55.60748	Own calculation, raw data from INEGI (see original variable(s))

Spending_Cap_Real	Real spending per capita (in 1000 Mexican pesos): Spending_Cap_Real = (Egresos_Total_Real/1000)/ Population (1995, 2000, 2005, 2010, 2015)	numeric	.0375145 … 54.51771	Own calculation, raw data from INEGI (see original variable(s))
year	Year identifier	numeric/ integer	1985 … 2016	-