Kurdish Insurgency Militants (KIM) Dataset v.2 – District Observations

Used in Güneş Murat Tezcür. "A Path out of Patriarchy? Political Agency and Social Identity of Women Fighters." ***Perspectives on Politics*** **(forthcoming).**

This dataset combines aggregated information from the KIM Dataset v.2 – Individual Observations and geographical, demographic, historical, socioeconomic, and political indicators in Turkey. The unit of observations are districts of Turkey located in the southeastern part of the country with significant Kurdish population observed in five different periods corresponding to five distinct eras in the evolution of the Kurdish nationalist insurgency (PKK, *Partiya Karkerên Kurdistan*) in Turkey.

For the KIM dataset v.1, please consult

Güneş Murat Tezcür, "Ordinary People, Extraordinary Risks: Joining an Ethnic Rebellion," *American Political Science Review* 110(2) (May 2016): 247-64.

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The only condition for accessing the KIM v.2 dataset is to cite "A Path out of Patriarchy?" in any publication (online or printed, peer reviewed or otherwise) using or referring to information contained in the dataset.

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Variable	Explanation	Values
id	Unique identifier for districts in southeastern Turkey with significant Kurdish population.	Range: 1-189
period	Seven different periods of insurgency.	0: Pre-1984; 1: 1984-9; 2: 1990-4; 3: 1995-9; 4: 2000-4; 5: 2005-12; 6:2013-6
province	The name of the province to which the district belongs.	
district	The name of the district.	
border	Whether the district has an international border. Time-invariant variable.	0: Not a border district; 1: Border district
border2	Whether the district has a border with Iran, Iraq, or Syria. Time-invariant variable.	0: Not a border district; 1: Border district
borderpv	Whether the province to which the district belong has an international border. Time-invariant variable.	0: Not a border province; 1 "Border province
deathsupd	Number of PKK insurgents killed in the district since the start of the insurgency. Replaced "deaths" of KIM v.1.	Range: 0-236
deathspv	Number of PKK insurgents killed in the province to which the district belongs since the start of the insurgency. Not available for periods 0 (per-1984) & 6 (2013-6).	Range: 0-466
recruitsweupd	Number of PKK insurgents born in the district and recruited in that period (includes no estimated values). Replaced "recruitwe" of KIM v.1.	Range: 0-129
Recruitsweupd_l	One period lagged version of recruitsweupd.	Range: 0-129
recruits	Number of PKK insurgents killed in the district and recruited in that period (recruitswe + estimated values for militants with known provinces & recruitment years but unknown districts + estimated values for militants with known districts & death years but unknown recruitment years). Not available for period 6.	Range: 0-158.3
Recruits_l	One period lagged version of recruits.	Range: 0-158.3
recruitsratio	Recruitswe multipled by 1,000 and divided by the population of the district in that period. Not available for period 6.	Range: 0-4.62
recruitsratio_l	One period lagged version of recruitsratio. Not available for period 6.	Range: 0-4.62
recruitswepv	Number of PKK insurgents born in the province to which the district belongs and recruited in that period (includes	Range: 0-504

	no estimated values). Not available for period 6.	
recruitspv	Number of PKK insurgents born in the province to which the district belongs and recruited in that period (recruitswepv + estimated values for militants with known provinces & death years but unknown recruitment years). Not available for period 6.	Range: 0-547
femalerecruits	Number of PKK insurgents killed in the district and recruited in that period (femalerecruitswe + estimated values for militants with known provinces & recruitment years but unknown districts + estimated values for militants with known districts & death years but unknown recruitment years). Not available for period 6.	Range: 0-36.6
femalerecruitsweupd	Number of female PKK insurgents born in the district and recruited in that period (includes no estimated values).	Range: 0-31
femalerecruitsratio	Femalerecruitswe multipled by 1,000 and divided by the population of the district in that period. Not available for period 6.	Range: 0-0.79
frequencyclash	Number of insurgency-related violent events with fatalities. Available for two periods: 2000-4, and 2005-12. Source: Kurdish Insurgency Violent Events (KIVE) Dataset.	Range: 0-95
intensityclash	Number of fatalities in insurgency-related violent events. Available for two periods: 2000-4, and 2005-12. Source: Kurdish Insurgency Violent Events (KIVE) dataset.	Range: 0-294
murders	Number of extrajudicial killings/political assassinations. Available for three periods: 1990-4, 1995-9, and 2000-4. Source: YAKAY-DER *Sımsıcaktı Elleri*.	Range: 0-138
kurdpop	Estimated percentage of Kurdish population. Time invariant variable. Source: Mutlu (1996) and Kibris (2011).	Range: 11.69-81.88
pop	Population of the district in 1980, 1985, 1990, 1995, 2000, 2007, and 2012. Values for 1995 (t=3) are estimated by dividing the addition of 1985 and 1990 values by two. Not available for period 6 (2013-6). Source: The Turkish Statistical Institute (www.tuik.gov.tr).	Range: 2,019-1,467,442
popcha	Percent change in population of the district between two periods (1980-5, 1985-90, 1990-5, 1995-2000, 2000-7, 2007-12).	Range: -73.34-106.247
ruralpop	Percentage of the rural district population in 1985, 1990, 1995 (estimated), 2000, 2007 (t=a5), and 2012. Source: The Turkish Statistical Institute (www.tuik.gov.tr).	Range: 2.9-94.1
urbanpop	Percentage of the urban district population in 1985, 1990, 1995 (estimated), 2000, and 2007 (t=a5). Not available for period 6 due to changes in official definition of urban/rural distinction. Source: The Turkish Statistical Institute (www.tuik.gov.tr).	Range: 5.9-97.1
ruralpopcha	Percent change in rural population of the district between two periods (1985-90, 1990-5, 1995-2000, 2000-7, 2007-12). Not available for period 6.	Range: -50.25-55.05
literacy	Percentage of literate residents (6 years and older) in	Range: 18.07-

	1985, 1990, 1995 (estimated), 2000, 2008, and 2014. Source: The Turkish Statistical Institute (www.tuik.gov.tr).	96.33
femaleliteracy	Percentage of literate females (6 years and older) 1985, 1990, 1995 (estimated), 2000, 2008, and 2014. Source: The Turkish Statistical Institute (www.tuik.gov.tr).	Range: 5.08-93.52
literacygendergap	The ratio of female literacy as literacy.	Range: 28-117.4
fertility	Average number of children per married women who are 12 years and older. Source: The Turkish Statistical Institute (www.tuik.gov.tr). Not available for periods 0 & 6.	Range: 2.87-5.97
register	Number of registered voters in 1982 referendum, 1987, 1991, 1995, 2002, 2007 parliamentary elections. Source: The Turkish Statistical Institute (www.tuik.gov.tr).	Range: 1,204-508,415
validvotes	Percentage of valid votes to registered voters in 1982 referendum, 1987, 1991, 1995, 2002, and 2007 parliamentary elections. Source: The Turkish Statistical Institute (www.tuik.gov.tr).	Range: 47.6-97.6
kurdvote	Percentage of valid votes received by Kurdish nationalist parties/candidates or parties with Kurdish nationalist candidates in 1987, 1991 1995, 1999, 2002, 2007, 2011, and 2015. For the fifth period, the average of 1999 and 2002 used; for the sixth period, the average of 2007 and 2011 used; for the seventh period, the average of two 2015 elections used. Source: The Turkish Statistical Institute (www.tuik.gov.tr).	Range: 0-96.5
distance	The distance of the district center from Ankara, the capital of Turkey (in km). Time-invariant variable. Source: www.illerarasimesafe.com	Range: 499-1,595
altitude	The altitude of the district center (in m). Time-invariant variable. Source: www.yerelnet.org; if not available, websites of the district municipality or administration.	Range: 200-2,360
soceco	A composite indicator measuring the level of socioeconomic development of the district in 1996 and 2004. Time-invariant variable. Source: The Turkish Republic Ministry of Development (www.kalkinma.gov.tr).	Range: -2.011-3.705
forestvil	The number of inhabited places classified as “forest villages.” Time-invariant variable. Source: http://www.tarimziraat.com/cevre_orman/orman_koyleri/	Range: 0-110
forestvilp	Percentage of forest villages to the total number of villages in the district. Time-invariant variable. Source: The Turkish Statistical Institute (www.tuik.gov.tr).	Range: 0-100
rebellion	A dichotomous variable indicating whether the district experienced rebellion in the 1920s and 1930s. Time-invariant variable. Source: *Genelkurmay Belgelerinde Kürt İsyanları*	Range: 0-1
periodXXX	Dummy variables indicating different time periods.	

NOTES REGARDING NEW DISTRICTS

District level administrative borders do not include changes conducted in and after December 2012.

Central districts are treated as a single observation for practical purposes. For instance, Diyarbakır city is composed of four districts: Bağlar, Kayapınar, Sur, and Yenişehir. They are combined into Diyarbakır-Merkez. Similarly, Gaziantep province has two central districts after 1987: Sahinbey & Sehitkamil. They are combined into a single observation for practical purposes.

Districts that were not in existence before 1990 are:

- Adiyaman: Sincik comes from Kahta, Tut comes from Besni
- Ardahan: Damal comes from Hanak (NA also in 1991)
- Batman: Hasankeyf comes from Gercus
- Bingol: Adakli, Yayladere, Yedisu come from Kigi
- Bitlis: Guroymak comes from Bitlis-Merkez
- Diyarbakir: Egil comes from Diyarbakir-Merkez (Dicle), Kocakoy comes from Diyarbakir-Merkez (Lice)
- Elazig: Alacakaya comes from Maden, Aricak and Kovancilar come from Palu
- Erzincan: Otlukbeli comes from Cayirli, Uzumlu comes from Erzincan-Merkez
- Erzurum: Karacoban comes from Hinis, Koprukoy comes from Pasinler
- Antep: Kargamis comes from Nizip, Nurdagi comes from Islahiye
- Igdir: Karakoyunlu comes from Igdir-Merkez (NA also in 1991)
- Kars: Akyaka comes from Arpacay
- Malatya: Yazihan comes from Malatya-Merkez
- Maras: Caglayancerit comes from Maras-Merkez, Ekinozu and Nurhak come from Elbistan
- Mardin: Dargecit comes from Midyat, Yesilli comes from Mardin-Merkez
- Mus: Haskoy and Korkut come from Mus-Merkez
- Urfa: Harran comes from Akcakale, Ceylanpınar comes from Viransehir (before 1985).
- Siirt: Aydinlar comes from Siirt-Merkez
- Sirnak: Guclukonak comes from Siirt-Eruh
- Van: Bahcesaray comes from Gevas, Caldiran comes from Muradiye, Edremit vomes from Van-Merkez, Saray comes Ozalp

To estimate the population in 1985, the population at the province level in 1990 was divided by the same value in 1985 (to calculate population change during the period). Then, the population of the district in 1990 was multiplied by this number to get the estimated value in 1985 (The same calculation was repeated for 1990/1995 for Damal

and Karakoyunlu). Finally, these estimated values are subtracted from the districts from which the new districts were originated.

To estimate the registered voters in 1982 (1987), the registered voters in 1991 was divided by the same value in 1982 (1987). Then, the registered voters in the district in 1991 were divided by this number to get the estimated value in 1982 (1987) (The same calculation was repeated for 1991/1995 for Damal and Karakoyunlu). Finally, these estimated values are subtracted from the districts from which the new districts were originated.