

Dynamic and Spatial Analysis of conflicts

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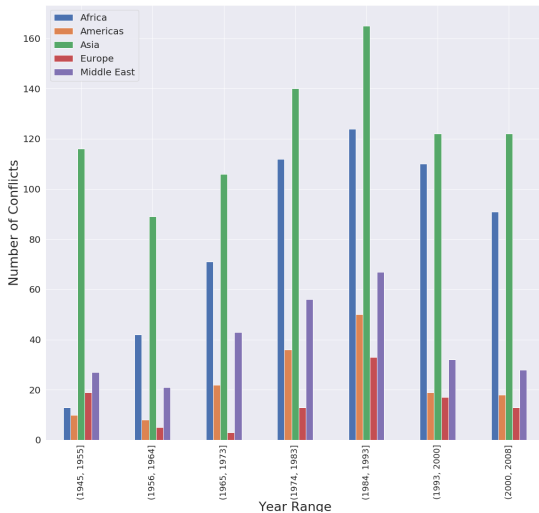
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Overview

- 1 Regions across time
- 2 Intensities across regions
- 3 Analysis of European Conflict
- 4 Analysis of American Conflict
- 5 Analysis of Asian Conflict
- 6 Analysis of African Conflict
- 7 Analysis of Middle Eastern Conflict

Region across time

Number of conflicts per region across a decade

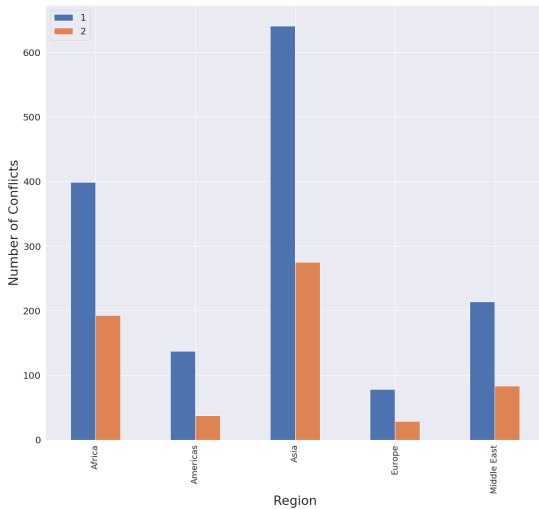


Region across time

Number of conflicts per region across a time range

- *Asia* has the *maximum number* of conflicts throughout
- *mid 1980s to 90s* shows the *largest increase*
- *African* conflicts significantly reduced in the last 2 range slots.

Intensities across regions



Intensities across regions

Number of conflicts per region across a time range

- Majority of the conflicts in all regions are *minor*.

Analysis of war in Europe

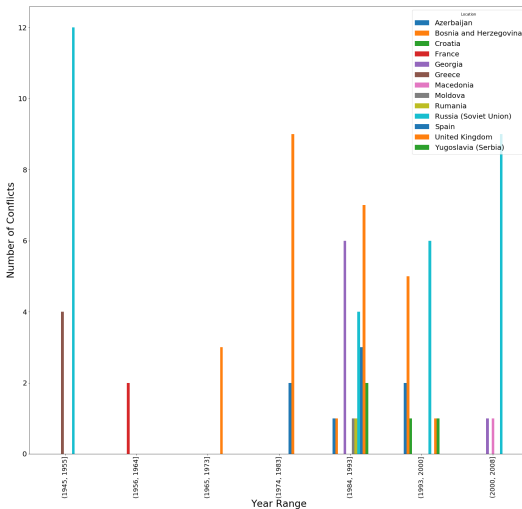
Type	Number of conflicts
1	5
2	6
3	87
4	10

Table: Number of conflicts for a Type

- From table, it is seen that 80% of the total conflicts are internal

Analysis of war in Europe

Internal Conflicts in Europe



Analysis of war in Europe

Internal Conflicts in Europe

Year range	Countries with Max Internal conflicts	Intensity of Majority
1945-1955	Russia (Soviet Union)	2
1956-1964	France	2
1965-1995	UK	1
1985-1995	Georgia	1
1990s	Russia, Serbia, Azerbaijan, Bosnia	1
2000s	Georgia, Russia, Macedonia	1

From above table, we observe the following regarding internal conflicts in Europe:

- Russia and France have severe war type conflicts post WW2.
- The 90s and 00s have conflicts concentrated in the south-east (Balkan) regions
- Internal Conflicts in Russia have persisted throughout the 90s and 00s.

Analysis of war in Europe

External Conflicts in Europe

Location	Region	Int	Year	Type	SideA		SideB
Cyprus	Europe	1	1955	1	United Kingdom		EOKA
Cyprus	Europe	1	1956	1	United Kingdom		EOKA
Cyprus	Europe	1	1957	1	United Kingdom		EOKA
Cyprus	Europe	1	1958	1	United Kingdom		EOKA
Cyprus	Europe	1	1959	1	United Kingdom		EOKA
Albania	Europe	1	1946	2	United Kingdom		Albania
United Kingdom	Europe	1	1946	2	United Kingdom		Albania
Hungary	Europe	2	1956	2	Hungary	Russia (Soviet Union)	
Russia (Soviet Union)	Europe	2	1956	2	Hungary	Russia (Soviet Union)	
Argentina	Europe	1	1982	2	Argentina	United Kingdom	
United Kingdom	Europe	1	1982	2	Argentina	United Kingdom	

Analysis of war in Europe

External Conflicts in Europe

The following observations can be made regarding external conflicts in Europe:

- Years 1955-59 saw the conflict between UK and EOKA in Cyprus (conforming to : <https://en.wikipedia.org/wiki/EOKA>)
- 1946 saw the conflict between UK and Albania (Corfu Channel Incident: https://en.wikipedia.org/wiki/Corfu_Channel_incident)
- 1956 saw the conflict between Hungary and Russia (Hungarian Revolution: https://en.wikipedia.org/wiki/Hungarian_Révolution_of_1956)
- 1982 saw the conflict between Argentina and UK (Falklands war: https://en.wikipedia.org/wiki/Falklands_War)

Analysis of war in Americas

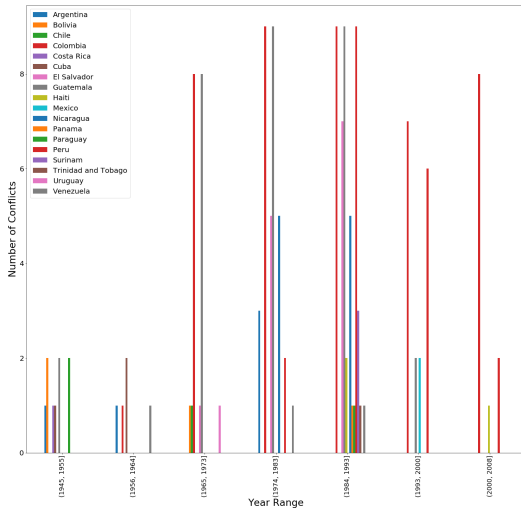
Type	Number of conflicts
1	1
2	10
3	157
4	8

Table: Number of conflicts for a Type

- From table, it is seen that 90% of the total conflicts are internal

Analysis of war in Americas

Internal Conflicts in Americas



Analysis of war in Americas

Internal Conflicts in Americas

Year range	Countries with Max Internal conflicts	Intensity of Majority
1945-1955	Argentina, Paraguay, Guatemala	1
1956-1964	Cuba	1
1965-1995	Guatemala, Colombia	1
1984-1993	Peru, El Salvador	1
1990s and 2000s	Colombia, Peru	1

Analysis of war in Americas

External Conflicts in Americas

Location	Region	Int	Year	Type	SideA	SideB
United States of America	Americas	1	1950	1	United States of America	Puerto Rican Nationalist Party
Honduras	Americas	1	1957	2	Honduras	Nicaragua
Nicaragua	Americas	1	1957	2	Honduras	Nicaragua
El Salvador	Americas	2	1969	2	El Salvador	Honduras
Honduras	Americas	2	1969	2	El Salvador	Honduras
Grenada	Americas	1	1983	2	Grenada	United States of America
United States of America	Americas	1	1983	2	Grenada	United States of America
Panama	Americas	1	1989	2	Panama	United States of America
United States of America	Americas	1	1989	2	Panama	United States of America
Ecuador	Americas	1	1995	2	Ecuador	Peru
Peru	Americas	1	1995	2	Ecuador	Peru

Analysis of war in Americas

External Conflicts in Americas

The following observations can be made regarding external conflicts in Americas:

- USA vs Puerto Rican Nationalist party in 1950
https://en.wikipedia.org/wiki/Puerto_Rican_Nationalist_Party_revolts_of_the_1950s
- Honduras vs Nicaragua in 1957 https://link.springer.com/chapter/10.1007/978-1-349-21026-8_9
- El Salvador vs Honduras in 1969
https://en.wikipedia.org/wiki/Football_War
- USA vs Grenada in 1983 https://en.wikipedia.org/wiki/United_States_invasion_of_Grenada
- USA vs Panama in 1989 https://en.wikipedia.org/wiki/United_States_invasion_of_Panama
- Ecuador vs Peru in 1995
https://en.wikipedia.org/wiki/Cenepa_War

Analysis of war in Asia

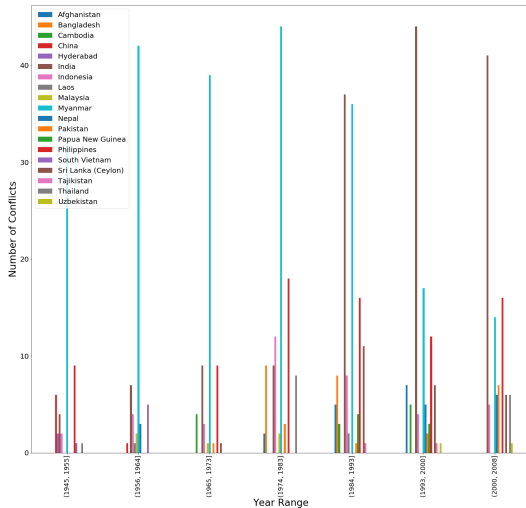
Type	Number of conflicts
1	40
2	140
3	675
4	61

Table: Number of conflicts for a Type

- From table, it is seen that 75% of the total conflicts are internal

Analysis of war in Asia

Internal Conflicts in Asia



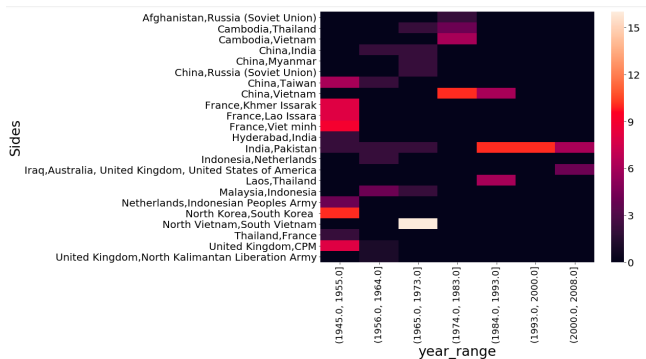
Analysis of war in Asia

Internal Conflicts in Asia

Year range	Countries with Max Internal conflicts	Intensity of Majority
1945-1955	Myanmar	2
1956-1993	Myanmar	1
1985-2000s	India	1

Analysis of war in Asia

External Conflicts in Asia



Analysis of war in Asia

External Conflicts in Asia

The following observations can be made regarding external conflicts in Asia:

- The internal conflict in Myanmar can be referred to from here:
https://en.wikipedia.org/wiki/Internal_conflict_in_Myanmar
- The external conflicts for a decade range between countries can be studied from the heatmap. The most intense is the Vietnam war from 1965-75. https://en.wikipedia.org/wiki/Vietnam_War

Analysis of war in Africa

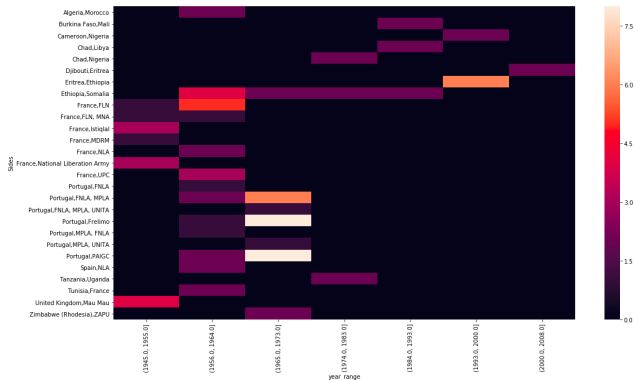
Type	Number of conflicts
1	68
2	32
3	415
4	77

Table: Number of conflicts for a Type

- From table, it is seen that 70% of the total conflicts are internal

Analysis of war in Africa

External Conflicts in Africa



Analysis of war in Africa

External Conflicts in Africa

- From heatmap, we notice that max external conflicts are between Portugal and African countries in the 1960s
https://en.wikipedia.org/wiki/Portuguese_Colonial_War.

Analysis of war in Middle East

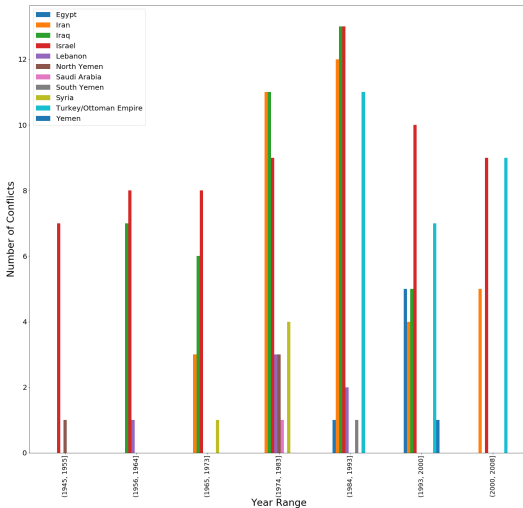
Type	Number of conflicts
1	5
2	66
3	202
4	25

Table: Number of conflicts for a Type

- From table, it is seen that even though a large fraction of conflicts are internal, close to 20% of the conflicts are interstate (2).

Analysis of war in Middle East

Internal Conflicts in Middle East



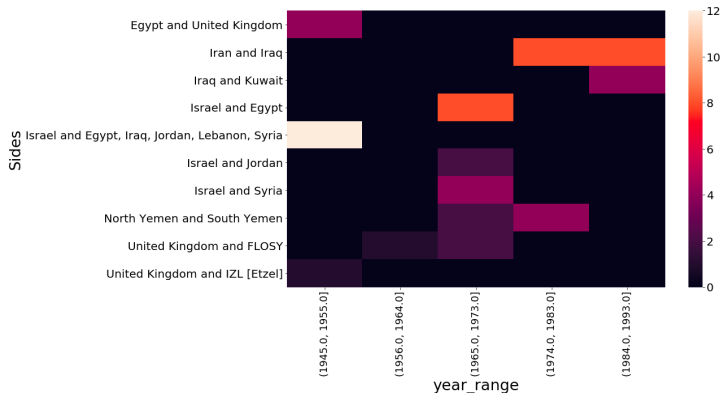
Analysis of war in Middle East

Internal Conflicts in Middle East

- It is to be noted that all countries have a majority of type 1 conflict.
- Israel consistently peaks among all year-ranges with max number of conflicts.
- We also notice internal violence in Iraq until 2000. Peaking in the 1980s.
- Conflicts in Iran are persistent, but have reduced over the last two decades.
- Turkey becomes prominent in the last 3 decades.

Analysis of war in Middle East

External Conflicts in Middle East



Analysis of war in Middle East

External Conflicts in Middle East

The following observations can be made regarding external conflicts in Middle East:

- The most intense is the Arab-Israeli conflict in late 1940s.
https://en.wikipedia.org/wiki/Arab-Israeli_conflict
- The Iran-Iraq war in the 1980s
<https://www.britannica.com/event/Iran-Iraq-War> and the
Israeli-Egypt war https://en.wikipedia.org/wiki/Six-Day_War
are other prominent intense wars as per the heatmap.