Conflict Ingredients

The Effect of Arbitrary Death Thresholds on Substantive Findings

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Research Questions

- 1. Do arbitrary death thresholds used to code civil conflicts influence substantive findings?
- 2. How might researchers address this concern?

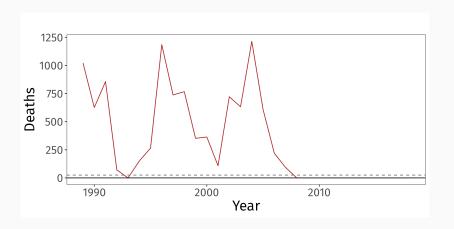
What is a civil conflict?



What is a civil conflict?



Battlefield Deaths in Uganda



Anchoring Effects of Past Decisions

Google Scholar yields 6,000+ results for "25 battle-related deaths [or] 1000 battle-related deaths"

Patterns in International Warfare, 1816-1965

By Melvin Small and J. David Singer

ABSTRACT: Patterns in international violence are discovered through the quantitative analysis of international wars which resulted in more than 1,000 battle-connected deaths. Between 1816 and 1965, members of the state system participated in 50 such interstate wars and 43 such colonial and imperial conflicts.

Anchoring Effects of Past Decisions

Google Scholar yields 6,000+ results for "25 battle-related deaths [or] 1000 battle-related deaths"

You mentioned in the beginning that the minimum threshold for categorizing a situation as a conflict was 25 people killed in a year. Isn't that a very low figure in light of the major conflicts going on? In many countries, one could probably come up with examples of inter-communal violence with 25 people killed in a year.

It is a very low one, and deliberately so. The tradition was to have a cut-off point at 1000 deaths. Other studies were using 200 or 100, but we wanted to have a low number, in order to capture conflicts when they were fairly small. It works because this makes prevention studies possible, as well as opening the way for new kinds of studies to determine how many of these small conflicts will actually escalate and become big conflicts. Surprisingly few actually do, which is good news. A low threshold also enables us to show that conflicts actually do fluctuate substantially.

Extant Measures

- Extant definitions generally require:
 - · An armed conflict that produces deaths
 - A non-state group fighting the government
 - · A contested incompatibility between warring sides
- · They differ on:
 - · Numeric death threshold
 - · Effect of interrupting a conflict on the coding
 - Whether to consider the distribution of deaths across parties

Extant Measures

- Fearon and Laitin
 - >1,000 battlefield deaths cumulatively
 - >100 deaths on average yearly
 - · >100 deaths on both sides
- · Uppsala Conflict Data Program
 - · Major: >1,000 battlefield deaths in a year
 - · Minor: >25 battlefield deaths in a year

Empirical Implications



much of the world. Here we undertake the first comprehensive example the first comprehensive examples of global climate change on armed conflict in sub-S

Climate not to blame for African civil wars

Halvard Buhaug¹

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Edited by 8. L. Turner, Arizona State University, Tempe, AZ, and approved August 10, 2010 (received for review April 30, 2010)

Vocal actors within policy and practice contend that environmental mocracy, we should expect a 54% increase

Vocal actors within policy and practice contend that environmental variability and shocks, such as drought and prolonged heat waves, drive civil wars in Africa. Recently, a widely publicized scientific article appears to substantiate this claim. This paper investigates the empirical foundation for the claimed relationship in detail. Using a host of different model specifications and alternative measures of drought heat and civil war. he paper conductes that climate

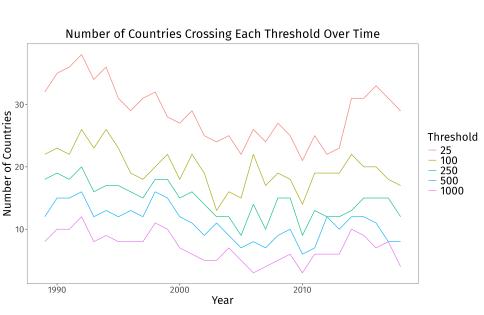
by 2030.

There are good reasons to be skeptical claims. First, the study is limited to major distinguish between lesser war episodes ties) and peace. The stringent inclusion or ber of recent violent uprisings in the Sahe

Investigating the Effect of Thresholds on Findings

- Employ a simulation approach to eliciting patterns of significance across many candidate thresholds
- Create dichotomous variables for conflict that use two approaches:
 - Threshold: vary yearly deaths from 25 to 1500
 - Cumulative: vary cumulative deaths in a conflict period from 25 to 1500
- Approximately 600 candidate outcomes
 - Vary in their plausibility and utility
 - Enable us to assess the consistency of findings across the potential candidates to elicit patterns

No 'right' solution



Investigating the Effect of Thresholds on Findings

- Bad Religion: Religion incites violence, but how?
 Provide evidence for mechanisms: the overlap of
 religious and other identities, religious groups'
 grievances, and religious leaders' calls for violence
- 2. Ethnicity, Insurgency, and War: 'The factors that explain which countries have been at risk for civil war are not their ethnic or religious characteristics but rather the conditions that favor insurgency.'

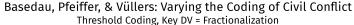
Bad Religion Robustness

Basedau, Pfeiffer, & Vüllers: Varying the Coding of Civil Conflict Threshold Coding, Key DV = Dominance



Basedau, Pfeiffer, & Vüllers: Varying the Coding of Civil Conflict Cumulative Coding, Key DV = Dominance







Basedau, Pfeiffer, & Vüllers: Varying the Coding of Civil Conflict Cumulative Coding, Key DV = Fractionalization



Basedau, Pfeiffer, & Vüllers: Varying the Coding of Civil Conflict Threshold Coding, Key DV = Polarization



Basedau, Pfeiffer, & Vüllers: Varying the Coding of Civil Conflict Cumulative Coding, Key DV = Polarization



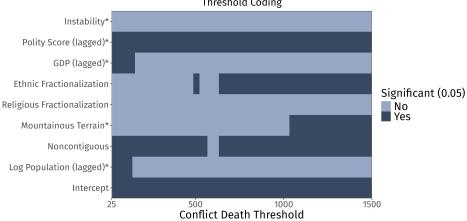
Bad Religion Robustness Across

Ind. Var.	Cumulative	↓ Threshold	↑ Threshold
Dominance			\checkmark
Fractionalization	\sim		\checkmark
Polarization	\checkmark		\checkmark

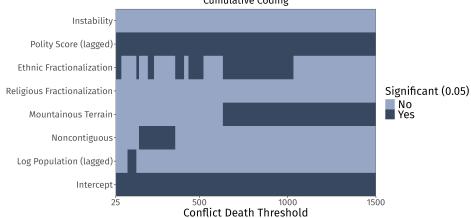
(Quasi) Fearon & Laitin

Robustness

Quasi Fearon and Laitin: Varying the Coding of Civil Conflict Threshold Coding

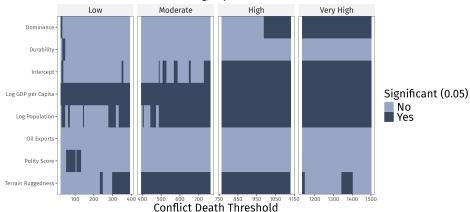


Quasi Fearon and Laitin: Varying the Coding of Civil Conflict Cumulative Coding



Next Steps

Basedau, Pfeiffer, & Vüllers: Varying the Coding of Civil Conflict Threshold Coding, Key DV = Dominance



Conclusions

- Traditional battlefield death thresholds are arbitrary
- Measures of political violence need to align with our theories rather than default thresholds
- Researchers should test their models across key candidate outcomes that resemble different types of conflicts to ensure consistency and elicit the bounds of their theory
- Next steps: collate results of robustness across studies, consider alternative measurement strategies without sharp thresholds, & formalize a structured robustness assessment process