Julius Hess

Leviathan Staggering

A Quantitative Analysis of the State's Coercive Capacity and Intrastate Violence



	List of Tables List of Maps and Figures List of Frequent Abbreviations	12 15
	Acknowledgments	17
	Foreword	19
1	Introduction	21
2	Theoretical and Empirical Approaches	40
	2.1 The Hobbesian Approach to Intrastate Violence	40
	2.1.1 The Rationalist Approach	41
	2.1.2 Predation	45
	2.1.3 Security Dilemmas, Retaliation, and Preemptive Violence	52
	2.1.4 The Sociological Approach	63
	2.1.5 Summary	71
	2.2 The Great Decline: Violence in History	72
	2.2.1 The Distant Past	72
	2.2.2 Historical Evidence on Violence in Empires and Early States	79
	2.2.3 Homicidal Violence in Emerging Modern States	81
	2.2.4 Hobbesian and Non-Hobbesian Interpretations	84
	2.2.5 Summary	87
	2.3 The Great Surge: Coercive Capacity in History	87
	2.3.1 Military Competition and State-Building in	
	Early Modern Europe	88
	2.3.2 The Surge: Money, Men, Materiel, and the Military	90
	2.3.3 Monopolizing Violence	92
	2.3.4 Non-European State-Building	97
	2.3.5 The World Today: Strong Leviathans, Weak Leviathans	101
	2.3.6 Summary	105

	2.4 Quantitative Research on Coercive Capacity and	
	Intrastate Violence	106
	2.4.1 Homicidal Violence	108
	2.4.2 Civil War	112
	2.4.3 Comprehensive Approaches to Intrastate Violence	115
	2.4.4 Summary	116
	2.5 The Research Gap	117
3	Theoretical Framework	119
	3.1 Intrastate Violence	119
	3.1.1 Lethal Physical Violence	119
	3.1.2 Delimitations: Territoriality, Legality, and Legitimacy	122
	3.1.3 Violence Across Space and Time: Fatality Rates	125
	3.2 The State and Coercive Capacity	126
	3.2.1 The State as a Unit of Analysis	126
	3.2.2 Coercive Capacity	132
	3.2.3 Summary	140
	3.3 The State's Coercive Capacity and Intrastate Violence: Hypotheses	141
	3.3.1 The Continuum of Violence	142
	3.3.2 Sub-Dimensions of Intrastate Violence	144
	3.3.3 Hypotheses	149
4	Research Design	152
	4.1 Population of Cases, Data Structure, and Guidelines	153
	4.2 Measuring Intrastate Violence (Dependent Variables)	157
	4.2.1 Political Violence	158
	4.2.2 Non-Political, Homicidal Violence	162
	4.2.3 Total Intrastate Violence	168
	4.2.4 Overview and Discussion of Data	168
	4.3 Measuring Coercive Capacity (Independent Variables)	182
	4.3.1 Financial, Human, and Material Resources of the Military	182
	4.3.2 The Coercive Capacity Index: Construction and Discussion	186
	4.3.3 Centralization, Police, Paramilitary, and	
	Conventional Province	10/

	4.4 Cont	rol Variables	202
	4.4.1	Economic Development and Inequality	203
	4.4.2	Non-Coercive State Capacity: Legitimacy, Bureaucracy,	
		Taxation	206
	4.4.3	Democracy and the Political System	209
	4.4.4	Population Structure and Social Disorganization	214
	4.5 Meth	ods	218
	4.5.1	Time-Series Cross-Section Data and Lagged	
		Dependent Variables	219
	4.5.2	Non-Stationarity, Heteroscedasticity, and Between Effects	226
	4.5.3	Reverse Causality and the Structural Approach	230
	4.5.4	The Fundamental Model of Intrastate Violence	233
5	Results		234
	5.1 Bivar	iate Analyses	234
	5.1.1	Coercive Capacity and Total Fatality Rates	234
	5.1.2	Facets of Coercive Capacity and Dimensions	
		of Intrastate Violence	239
	5.1.3	Coercive Capacity and State-Based Armed Conflict	243
	5.1.4	Causal Pathways: Coercive Capacity, Violence, and	
		the Mobilization of Sub-State Groups	246
		sing the Fundamental Model of Intrastate Violence	249
		stness Checks and Extensions	257
		Temporal Dynamics and Causality	258
	5.3.2	Omitted Variable Bias and Additional Controls	265
	5.3.3	Missing Values, Regional Bias, and Outliers	271
	5.3.4	Temporal Within-Variation on the State-Level	280
		Properties of the Dependent Variable	282
		Interactions: Democracy, Economy, and Coercive Capacity	284
		Military Intervention, Peacekeeping, and Intrastate Violence	296
		Dimensions of Coercive Capacity and Intrastate Violence	300
		Sub-Dimensions of the Coercive Capacity Index	300
	5.4.2	Centralization, Police, and Paramilitary	302
		Conventional Proxies for Coercive Capacity	304
		cive Capacity and Sub-Dimensions of Intrastate Violence	308
		Homicide	308
	5.5.2	State-Based Armed Conflict and One-Sided Violence	310

6	Conclusion	319
	6.1 Summary of Results	319
	6.2 Contributions to the Understanding of Intrastate Violence	
	6.2.1 A Hobbesian World	322
	6.2.2 Bridging the Gap Between Political Science and Sociology	323
	6.2.3 Progress in Measuring Coercive Capacity	324
	6.2.4 Reconsiderations and Corrections	324
	6.3 Limitations of the Approach	329
	6.3.1 Units of Analysis, Theoretical Concepts, and Proxies	329
	6.3.2 Methods	332
	6.4 Practical Implications: Military Aid and Intervention	333
	6.4.1 Non-Political Violence and Domestic Security	
	6.4.2 Aiding the Military	
	6.4.3 Perfect Storms	
	6.4.4 Dilemmas of State-Building	337
	6.4.5 Aid or Intervention?	
	6.4.6 A Better World	
	References	2/2
	References	343
	Appendix	385

Acknowledgments

Some ideas that led to this study sprang from conversations with Lisa Scholz and were entrenched during a road trip through Egypt's Sinai Peninsula in 2013. In those days, the Sinai was marked by recurrent acts of terrorism, widespread insecurity, and a heavy presence of security forces. We tried to capture these experiences in a short piece titled "Tanks in the Desert."

Conversations with Anja Seiffert, Cornelia Grosse, Martin Rink, and other researchers of the Bundeswehr Centre of Military History and Social Sciences (ZMSBw) greatly enhanced and sharpened my arguments. Furthermore, I have to thank the Centre for granting me a research stay at the Stockholm International Peace Research Institute (SIPRI) in 2015.

Several colleagues in the research community generously shared their knowledge, insights, and data. This includes Sam Perlo-Freeman, Timo Smit, Marc von Boemcken, and Jan Grebe.

A great number of dedicated individuals at the ZMSBw enabled this project: Jörg Hillmann, Commander of the ZMSBw, and his predecessor Hans-Hubertus Mack; Michael Epkenhans, Director of Research; Christian Hartmann, Director of the Operations Survey and Support Division, and his predecessor Dieter Krüger; Christian Adam, Bernd Nogli, and the editorial staff, to name but a few.

I especially thank my supervisors, Guido Mehlkop (Erfurt) and Rolf von Lüde (Hamburg), for guidance, encouragement, and for providing me with the sense that I am on the right track. I would like to extend my thanks to Margit Bussmann (Greifswald), whose comments on the draft of this book significantly improved its clarity.

My way leading up to starting this project would not have been possible without the trust and confidence I received from my parents.

Above all, I am indebted to my wife and son for years of patience and support.

Foreword

At the end of the 20th century, as the Communist system faltered and collapsed, hopes for a peaceful future began to spur. Observers asked for what purposes modern nations needed large and powerful armed forces at all. However, the violent break-up of Yugoslavia amply proved that the demand for military readiness would not disappear any time soon. Western nations felt pressured to once again seriously consider – and eventually apply – military force.

Yet, in the post-Cold War era confrontations between nation-states proved to be the exception rather than the norm. Instead, keeping peace and providing security on foreign soil have become common activities for the militaries of Western nations. In recent missions to Kosovo, Afghanistan, Iraq, or Mali international forces found themselves unable to pull out of theatre after the main adversaries had been overcome, lest the respective country slips back into turmoil. "Victory" in a symmetrical confrontation was followed by attempts at stabilization.

Many of these endeavors aim at aiding struggling governments incapable of resolving internal conflict and controlling civil strife. Tasks regularly comprise of military cooperation, aid, and training directed at dysfunctional local armed forces. Often forces operate within a comprehensive political framework, with other agencies simultaneously pursuing goals such as development and democratization. However, while there is no shortage of proclamations about the intended effects of externally assisted stabilization, we know little about how successful it actually is.

Julius Hess' study poses a most vital question surrounding all these attempts: Which outcomes can we expect from the various approaches to assist struggling nations in controlling internal violence? Are they likely to work? The study seeks answers at a fundamental level: Why do many states of today's world suffer from widespread internal violence – while other countries experience security on a level unheard of throughout most of human history? How did some societies manage to control the heretofore ever-present violence amongst their midst? Why did others fail to do so? What are the root causes of nations' internal stability? And what do the findings tell us about the likelihood that our current attempts at aiding weak states will succeed?

Since the 1990s the Bundeswehr has been participating in missions aimed at stabilization and related purposes. As of yet, in 2020, German soldiers are deployed to twelve multinational missions. Since 2013 the Operations Survey and Support Division of the Bundeswehr Centre of Military History and Social

20 Foreword

Sciences (ZMSBw) has been conducting research on the foreign deployments of the German Armed Forces. Historians and social scientists shed light on how the Bundeswehr has engaged new tasks after the end of the Cold War – and how the involvement in multinational missions itself has shaped the organizational structure, the culture, and the identity of the German Armed Forces. Julius Hess' study adds a further, valuable perspective to our interdisciplinary portfolio: It shifts the focus from intervening military forces to the situation in the recipient countries, and it turns to quantitative evidence and statistical modeling on a grand, cross-national scale. The conclusions, however, are by no means abstract. On the contrary, they directly relate to public discourses concerning whether – and how – the international community and the Bundeswehr should intervene in internal conflicts and assist struggling nations.

The Bundeswehr are parliamentary armed forces. Democratically elected members of the Bundestag bear the burden to send servicemen and -women into military operations and missions abroad. The legitimacy of these endeavors crucially depends upon a broad, open debate about goals, means, and the probability of success. The study contributes to these debates by asking – and answering – fundamental questions about how external intervention in the domestic matters of struggling states can be made to work well as intended.

I would like to thank the author for taking on this thorny question and enriching our understanding of an issue of crucial importance. I wish to extend my thanks to the staff of the ZMSBw for smoothly bringing to fruition this outstanding project: Christian Adam and the editorial office; Christian Hartmann, Director of the Operations Survey and Support Division; Anja Seiffert, Head of the Operations Survey and Documentation Branch; and, last but not least, Michael Epkenhans, Director of Research and Deputy Commander of the ZMSBw.

Dr. Jörg Hillmann Captain (Navy) and Commander of the Bundeswehr Centre of Military History and Social Sciences

1 Introduction

On January 7, 2015, two armed men stormed the premises of the French magazine *Charlie Hebdo* in Paris and killed twelve persons, thus making the incident the deadliest act of terrorism in France since 1961 when 28 were killed in a train bombing. Two days later, after a massive manhunt involving tens of thousands of police, gendarmes, and military troops, the attackers were tracked down and killed in a brief firefight (Le Figaro 2015). Video footage of the operation shows heavily armed special gendarmerie and police forces leading the attack, helicopters circling and descending upon the hideout, as well as armored cars, personnel carriers, and dozens upon dozens of vehicles transporting troops and cordoning off the location.

On the same day of the Charlie Hebdo attacks, in northeastern Nigeria the killing of several hundred civilians by armed group Boko Haram culminated. The attacks had begun on January 3 with Boko Haram capturing the town of Baga from withdrawing Nigerian troops. Baga had been the last major town of the Borno province under the control of Nigerian forces. Reports on fatalities of the ensuing massacres vary widely, ranging from around 150 to more than 2000. This is to be added to the alleged 10,000 killed by Boko Haram before 2015. Satellite imagery shows Baga and surrounding towns torched and devastated (Amnesty International 2015). 35,000 are reported to have been displaced by the attacks. There are no reports of immediate countermeasures (AFP 2015; BBC 2015).

The Problem

Violence is inherent to us. It has been from the beginning. Regardless of whether it happens in broad daylight or is driven to the fringes of society, even the most pacified nations experience the occasional outbreak of lethal violence. Not even powerful, highly centralized France can forestall acts of mass murder, to say nothing of poor, dysfunctional Nigeria. The mere presence of lethal violence among human beings is no enigma. There is never a shortage of people seeking to pursue their goals by violent means.

What begs an explanation, however, is the crass difference in the *intensity* of violence across societies. The incidents on January 7, 2015, expose the diverging ways in which violence unfolds in highly developed nations like France, on the one hand, and in underdeveloped countries like Nigeria on the other. Twelve persons died in France on January 7 due to an isolated event of lethal violence whose

22 1 Introduction

perpetrators were quickly put down. On the same day, hundreds died in Nigeria. Moreover, January 7 is just one snapshot of the collective violence that sub-state groups such as Boko Haram inflict upon Nigeria on a fairly constant basis. In the 25 years preceding the days of the Baga massacre, an average of 5600 persons were killed in Nigeria *each year*. This figure results from summing up the victims of civil war, terrorism, massacres, lethal state violence, gang warfare, criminal violence, and individualized murder. In contrast, regarding the same period and measure, a yearly average of around 800 persons were killed in France.

Consider now that Nigeria and France are not even the most extreme examples of violent and peaceful nations, respectively. To truly compare the intensity of intrastate violence one must put the absolute numbers of victims of violence in relation to the population size of states, thus generating a common yardstick to judge the extent to which societies are affected by lethal internal violence. Measured in this way, countries such as El Salvador, Colombia, Honduras, South Africa, Jamaica, or Swaziland reach the highest levels of violence. In all these nations up to or more than 40 people out of 100,000 population were killed each year on average from 1989 to 2014. Compare this with the most peaceful nations – Spain, Norway, Austria, Bahrain, Singapore, or Japan – where less than one person out of 100,000 population was killed each year on average over the same period. Hence, even after normalizing by population size and averaging over the course of 26 years the number of people getting killed in the most violent nations is more than 40 times that of the most peaceful societies. The global variation of internal violence as measured in this way is depicted in map 1.1.1 Light and dark coloring indicates low and high fatality rates, respectively.

Why did only twelve persons die in France on January 7, 2015? Why did hundreds die in Nigeria? In a more general sense: What determines the global variation of internal violence? Why is lethal intrastate violence widespread in many places of the world, whereas in others it is virtually absent? That is the question this study is supposed to answer.

The method of calculation is discussed in detail in Section 4.2.