



Research Question

When do actors use conflict related sexual violence (CRSV) to secure territorial control over an area? Are states more likely to be perpetrators of CRSV when they regain territorial control, and likewise for non-state actors?

Data

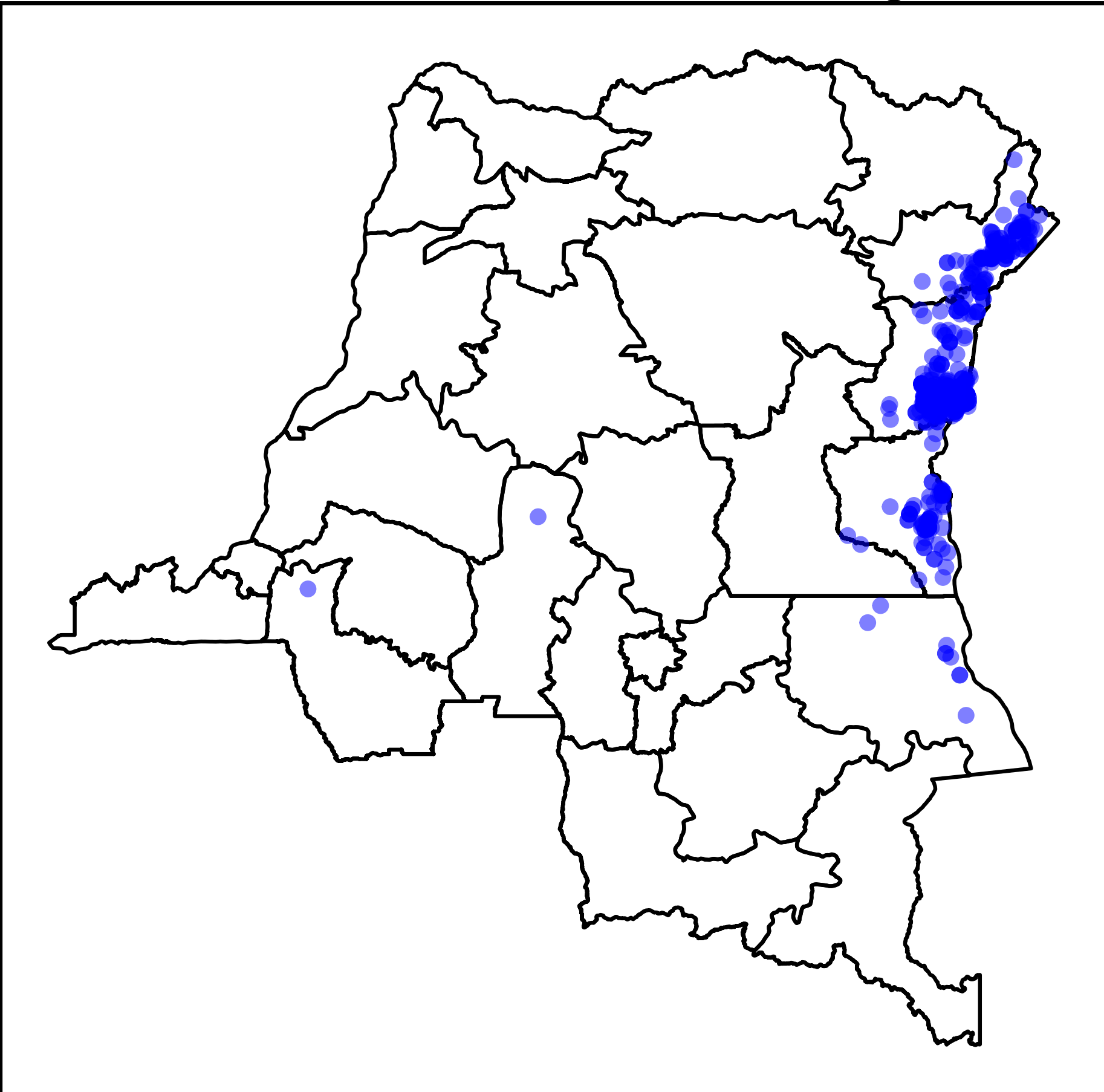
OCHA CRSV

I utilize the OCHA CRSV data to track reported perpetrators of reported CRSV events. This dataset contains publicly-reported cases of sexual violence by conflict actors that targets civilians.

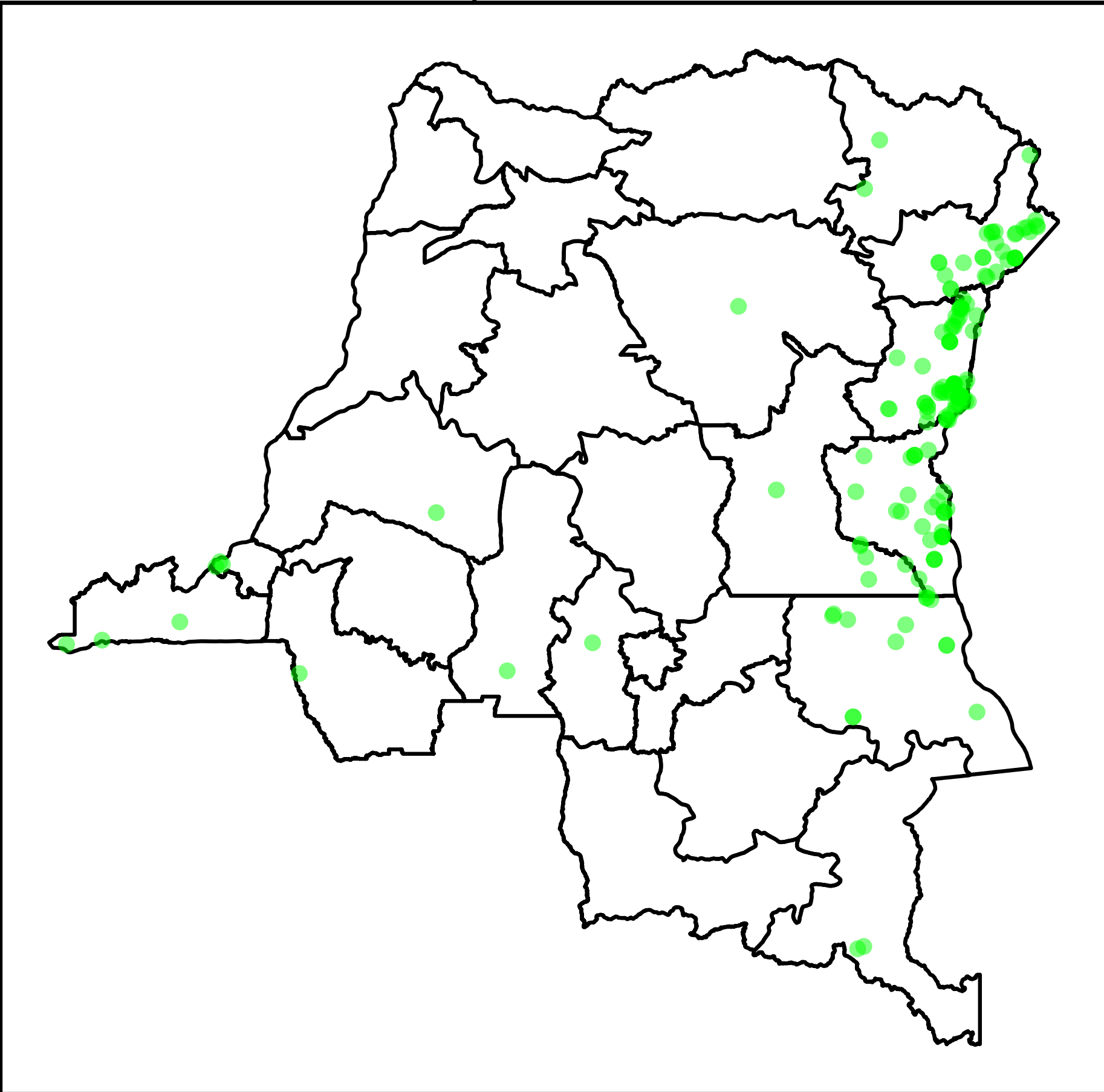
ACLED

The Armed Conflict Location and Events Dataset tracks data on locations, dates, actors, fatalities, and types of all reported political violence and protest events around the world. I subset the ACLED data down to violent changes in territory between the state and non-state actors.

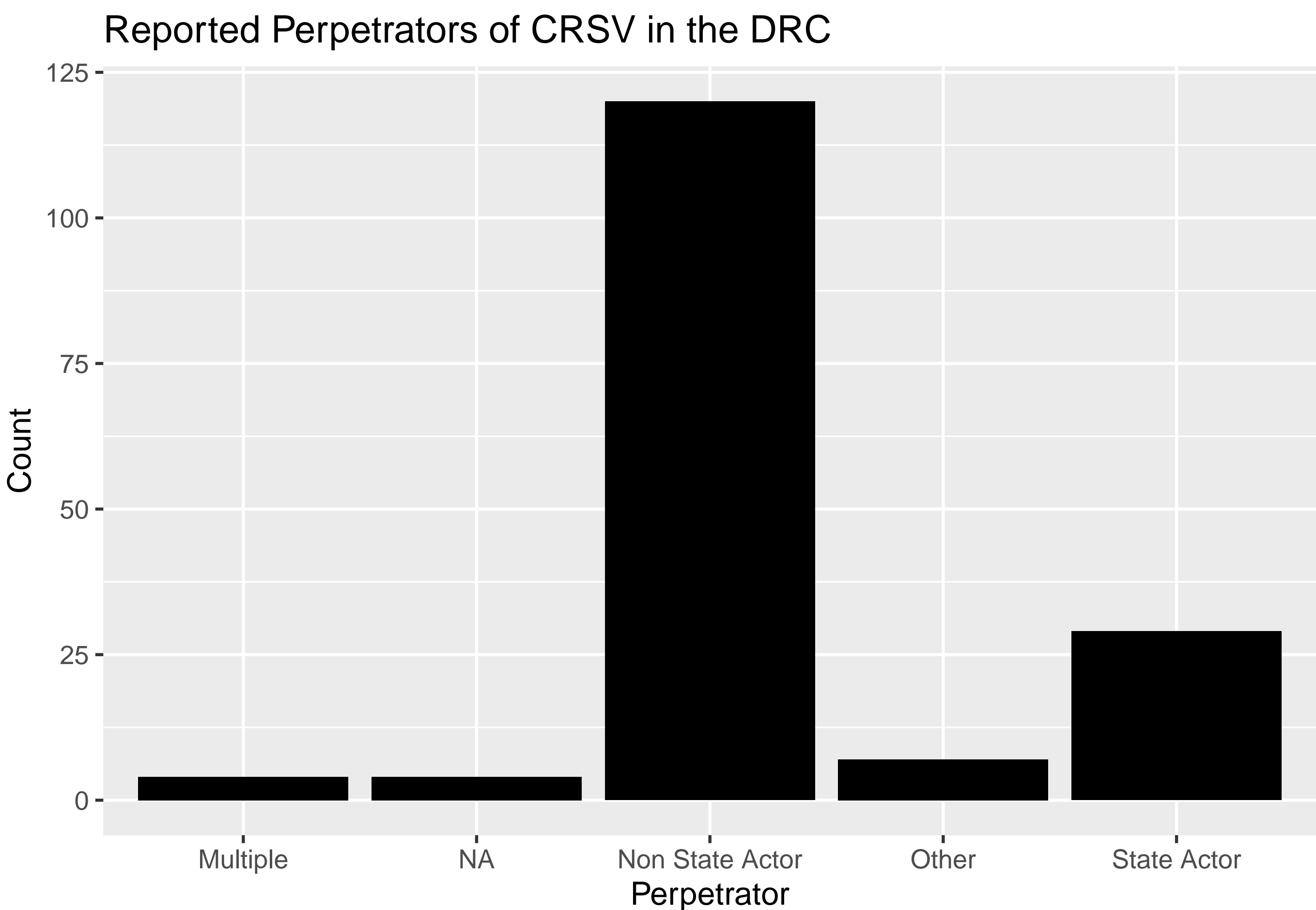
Spatial Distribution of Violent Territorial Exchanges 2020–2023



Spatial Distribution of Reported CRSV Events 2020–2023



Reported Perpetrators of CRSV



Model Specification

$$y_{it} = \alpha + \delta_i + \gamma_t + \beta X_{it} + \epsilon_{it}$$

where:

- y_{it} is either government or non-state actor perpetration of crsv for city i in time t
- α is the intercept
- δ_i is the fixed effect for city i
- γ_t is the fixed effect for time t (month-date)
- β is the coefficient for the independent variable X_{it}
- X_{it} is either government or non-state actor territorial acquisition
- ϵ_{it} is the error term for city i in time t .

Regression Table

Table 1. Two-way Fixed Effect Models of Territorial Control and Perpetration of CRSV

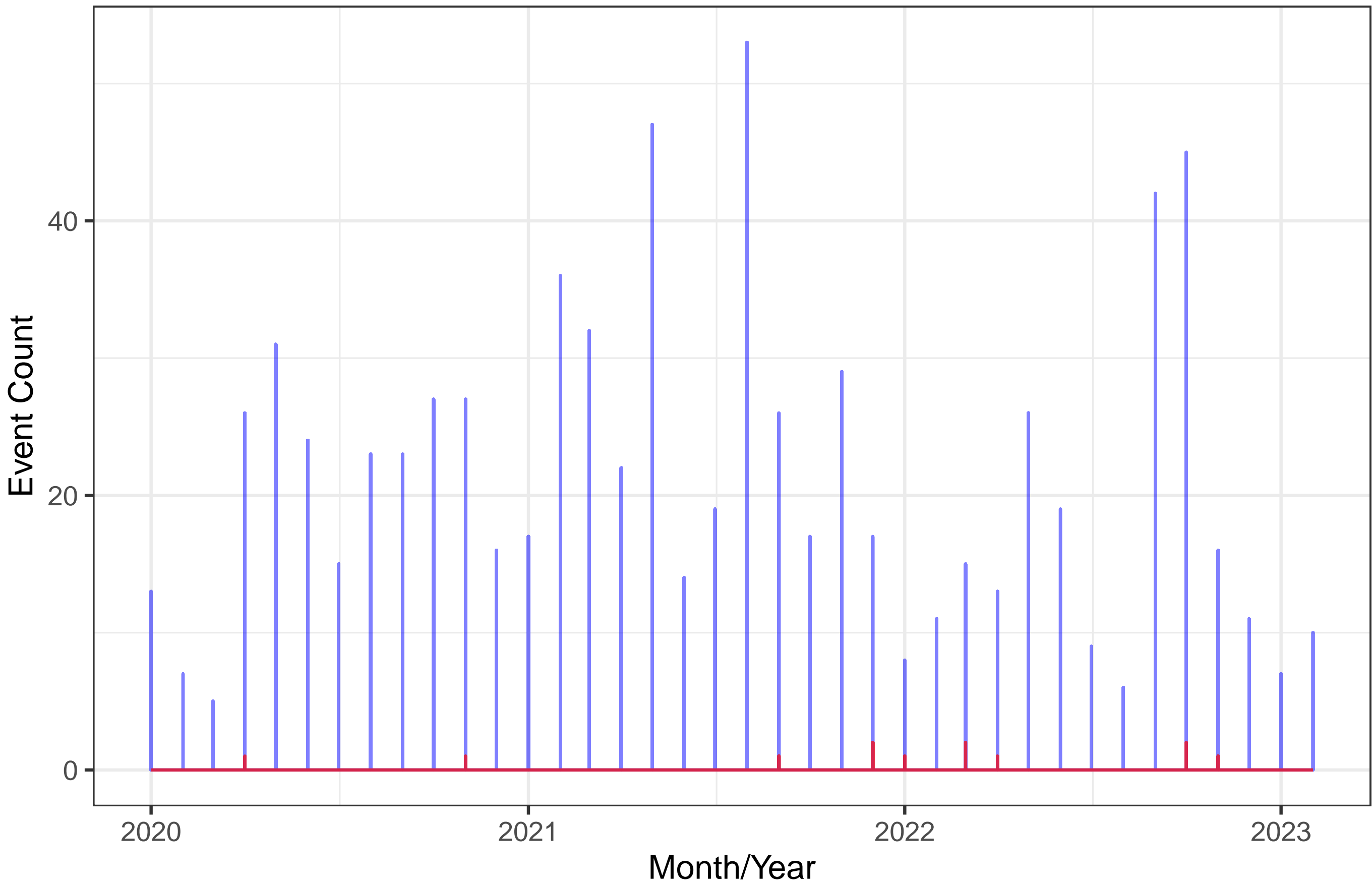
	Gov Perp		NSA Perp	
	Model 1	Model 2	Model 3	Model 4
Government Territory Control	−0.001** (0.001)		0.014 (0.009)	
Non-State Actor Territory Control		0.001 (0.003)		−0.011 (0.030)
Event Fatalities	0.0002 (0.0002)	−0.0001 (0.0003)	0.0003 (0.001)	0.003 (0.003)
N =	6802	6802	6802	6802

Note: *p<0.1; **p<0.05; ***p<0.01

Government Territorial Control and CRSV Events Fitted Values



Time Series Plot: Government Control & Government Perpetrated CRSV



Conclusions & Next Steps

- In the DRC, state perpetrated CRSV does not seem to be a tactic for maintaining territorial control.
- Low observations: expand model to other countries
- Refine for hopeful third-year paper use