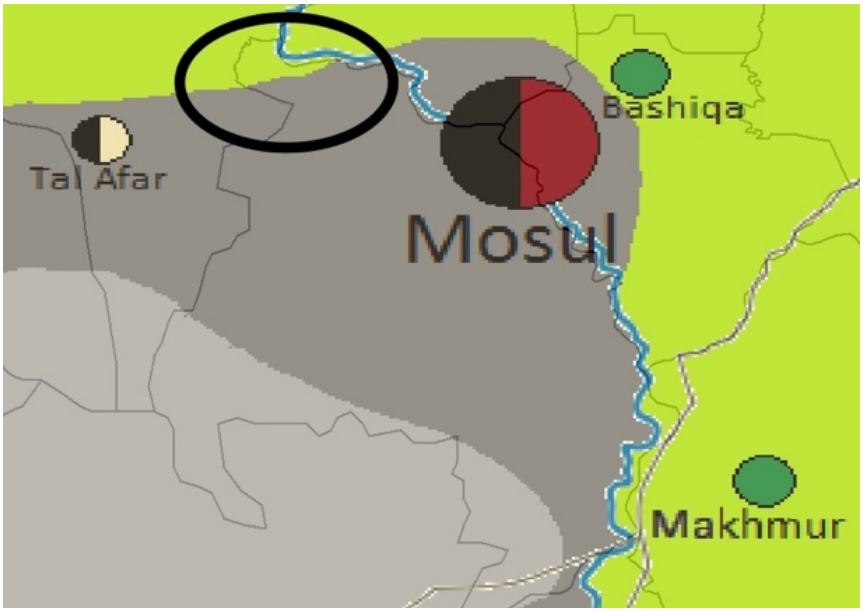
Appendix A
Territorial Coding

Below is a colored, territorial map overlaid over Iraq's administrative units.
Grey represents ISIS, whereas Green represents Kurdish Regional Forces.

Lenient: At least 90% of the administrative unit is highlighted as controlled by a faction.

Strict: All territory is highlighted as controlled by a faction. Small portions that are occupied by other factions will elicit a *Contested* coding.

Example: the unit below would elicit a coding of *ISIS Controlled* under the Lenient definition, and a coding of *Contested* under the Strict definition (the difference emphasized by area under the black circle)



Appendix B
Alternative Territory Coding
"Lenient" Version

Zero-Inflated Negative Binomial Regression of ISIS One-Sided Violence

	Model 1 Baseline	Model 2 Mosul Dummy	Model 3 Restricted Sample	Model 4 Neighboring	Model 5 Country-Wide	Model 6 Outlier Exclusion
Airstrkes $_{(t-1)}$	**0.042*** **	**0.042*** **	**0.044*** **	**0.043*** **	**0.030*** **	**0.032*** **
	(0.008)	(0.008)	(0.008)	(0.008)	(0.006)	(0.011)
Territory: ISIS Controlled (Lenient) (t-1)	**-1.475*** **	**-1.617*** **	**-1.492*** **	**-1.294** **	**-1.320*** **	**-1.127*** **
	(0.356)	(0.486)	(0.492)	(0.545)	(0.386)	(0.406)
Territory: Contested (Lenient) (t-1)	-0.447	-0.543	-0.441	-0.175	**-1.011*** **	**-1.112*** **
	(0.540)	(0.565)	(0.513)	(0.545)	(0.338)	(0.426)
ISIS Total Territories (Lenient) (t-1)	0.073	0.064	0.104	0.079	0.050	-0.133
	(0.237)	(0.241)	(0.217)	(0.224)	(0.164)	(0.159)
ISIS Territorial Advance	-0.163	-0.168	-0.123	-0.134	-0.135	**-0.280*** **
	(0.186)	(0.195)	(0.165)	(0.158)	(0.096)	(0.098)
Battle-Related Fatalities: ISIS $_{(t-1)}$	0.001	-0.001	-0.001	-0.001	0.002	0.008***
	(0.005)	(0.005)	(0.005)	(0.006)	(0.003)	(0.003)
Battle-Related Fatalities: Government $_{(t-1)}$	**-0.005*** **	**-0.004*** **	**-0.004*** **	**-0.004*** **	**-0.003*** **	0.002
	(0.002)	(0.002)	(0.001)	(0.001)	(0.001)	(0.008)
Sunni	-0.007	-0.005	-0.007	-0.006	0.006	0.006
	(0.006)	(0.008)	(0.008)	(0.007)	(0.006)	(0.006)
Population	**-0.001*** **	**-0.001** **	**-0.001*** **	**-0.001*** **	**-0.001** **	**-0.001*** **
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Time	-0.031	-0.035	-0.033	-0.015	0.001	0.002
	(0.025)	(0.025)	(0.024)	(0.020)	(0.027)	(0.018)
Time^2	0.000	0.000	0.000	0.000	0.000	-0.000
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
ISIS One-Sided Violence $_{(t-1)}$	0.000	0.000	0.000	0.000	0.001	0.007
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.005)
Mosul		0.472	0.383	0.858	0.413	0.242
		(0.808)	(0.881)	(0.789)	(0.509)	(0.492)
Airstrkes: Neighboring $_{(t-1)}$				**-0.014** **		
				(0.005)		
Airstrkes: Country-Wide $_{(t-1)}$					-0.000	
					(0.002)	
ISIS One-Sided Violence: Neighboring $_{(t-1)}$				-0.001		
				(0.002)		
ISIS One-Sided Violence: Country-Wide $_{(t-1)}$					**0.006*** **	
					(0.001)	
Constant	**3.710***	**3.902***	**3.692***	**3.678***	**2.217***	**4.191*** **
	(2.082)	(2.065)	(1.904)	(1.903)	(1.292)	(1.568)
			Logit Inflation			
Dummy: ISIS One-Sided Violence $_{(t-1)}$	**-3.527*** **	**-3.536*** **	**-2.948*** **	**-2.953*** **	**-2.881*** **	**-2.686*** **
	(0.444)	(0.444)	(0.261)	(0.274)	(0.246)	(0.304)
Dummy: Battlefield Fatalities $_{(t-1)}$	**-1.845*** **	**-1.846*** **	**-1.541*** **	**-1.543*** **	**-1.529*** **	**-1.413*** **
	(0.460)	(0.461)	(0.334)	(0.342)	(0.311)	(0.289)
Dummy: Airstrikes $_{(t-1)}$	-0.380	-0.394	-0.364	-0.389	-0.339	-0.240
	(0.367)	(0.376)	(0.327)	(0.329)	(0.306)	(0.255)
Territory: Government Controlled (Lenient) (t-1)	0.481	0.480	-0.190	-0.204	-0.158	-0.216
	(0.639)	(0.641)	(0.533)	(0.536)	(0.516)	(0.514)
Constant	**4.187*** **	**4.184*** **	**3.999*** **	**3.988*** **	**4.017*** **	**4.082*** **
	(0.500)	(0.502)	(0.367)	(0.381)	(0.332)	(0.331)
Ln(Alpha)	0.946***	0.959***	0.803***	0.833***	0.426	0.134
	(0.364)	(0.366)	(0.282)	(0.299)	(0.285)	(0.214)
Observations	9,047	9,047	4,731	4,731	4,731	4,682
AIC	2866	2868	2768	2768	2715	2405
BIC	3002	3010	2897	2910	2857	2534
Log-Likelihood	-1414	-1414	-1364	-1362	-1335	-1183
Wald X^2	1421***	1536***	1246***	3176***	1931***	1980***

Robust standard errors (clustered on administrative-unit) in parentheses

*** p<0.01, ** p<0.05, * p<0.1