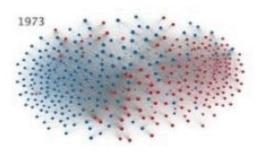
# *To Protect and To Serve?* Analyzing Entity-Centric Framing of Police Violence









#### 1973

#### House of Representatives, Voting Alignment

Clio Andris, David Lee, Marcus J. Hamilton, Mauro Martino, Christian E. Gunning, John Armistead Selden, in PLOS ONE.





Teen Shot Dead By Police As His Car Was Driving Away, Chief Says

#### The New York Times

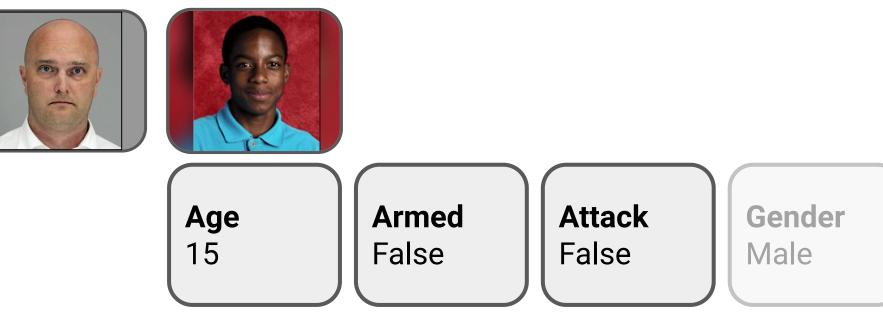
#### Texas Town Gathers to Grieve for Teenager Fatally Shot by Officer



Family of 15-year-old boy fatally shot by Texas cop demand answers after conflicting stories emerge

#### LOCAL

# 'Great kid' killed in officer-involved shooting in Balch Springs





Verdict Guilty of murder

### Balch Springs police fire Officer Roy Oliver, who fatally shot Jordan Edwards with rifle



Three days after he killed an **[unarmed]**<sub>unarmed</sub> [15-year-old]<sub>age</sub> [boy]<sub>gender</sub>, a Balch Springs police officer was fired.



"From our policies, which I went by, there were violations. I acted on them," [Balch Springs Police Chief Jonathan Haber said]<sub>official\_sources</sub> Tuesday evening.





Source





### Jordan Edwards case: [Killer]<sub>moral-harm</sub> cop had reckless past



Verdict Guilty of murder

A police officer is charged and jailed for murder and a family and community say goodbye to a child as the saga over the police shooting of [unarmed]<sub>unarmed</sub>, [Black]<sub>race</sub> [15-year-old] age Jordan Edwards continues.



"What the Edwards family is experiencing ... no parent wants that phone call," [the family's pastor M.L. Dorsey said.] unofficial\_sources



Left

Leaning

Source



### **Our Contributions**

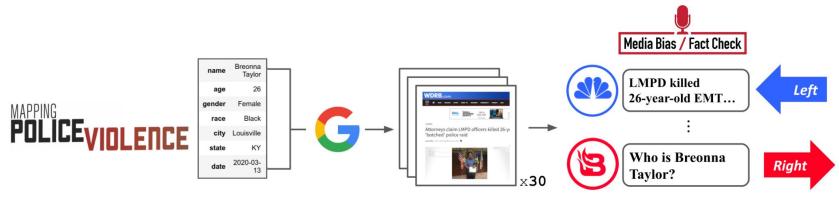
### 1. The POLICE VIOLENCE FRAME CORPUS

- a. 82k News Articles
- b. 7k Police Shootings
- 2. Syntax-Aware Methods for Automatic Frame-Extraction

#### 3. Novel Frame Analysis

- a. Entity-Centric
- b. Sensitive to Frame Ordering
- c. media framing  $\longleftrightarrow$  offline events

### 1. Building the POLICE VIOLENCE FRAME CORPUS



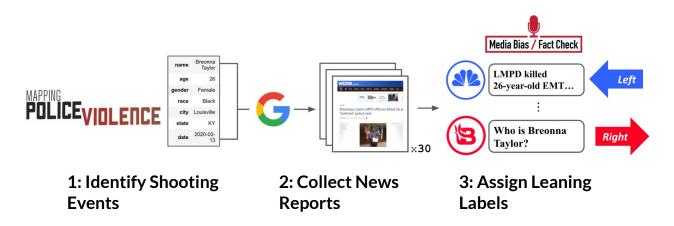
1: Identify Shooting Events

2: Collect News Reports

**3: Assign Leaning Labels** 

## 1. Building the POLICE VIOLENCE FRAME CORPUS

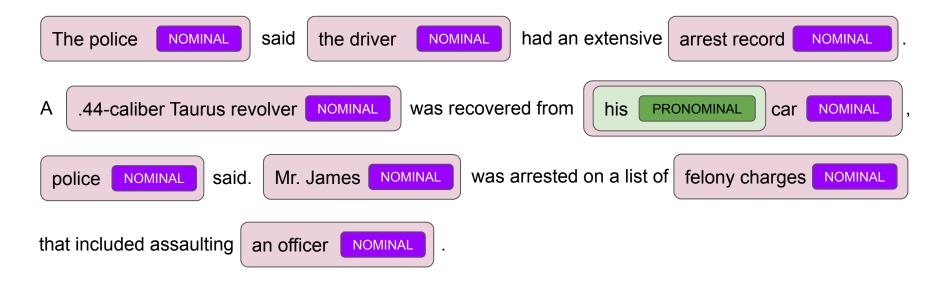
	Left	Left- Center	Least Biased	Right- Center	Right
# Articles	1,090	9,761	5,214	3,993	1,009

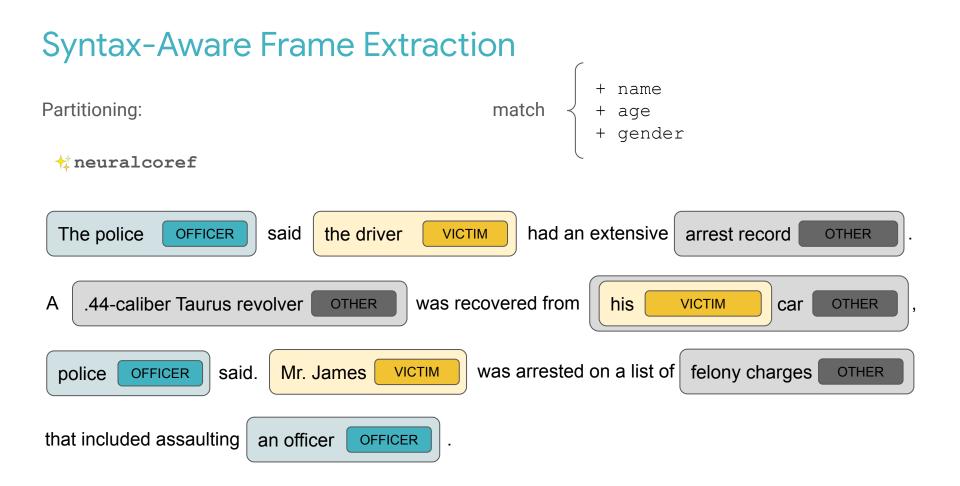


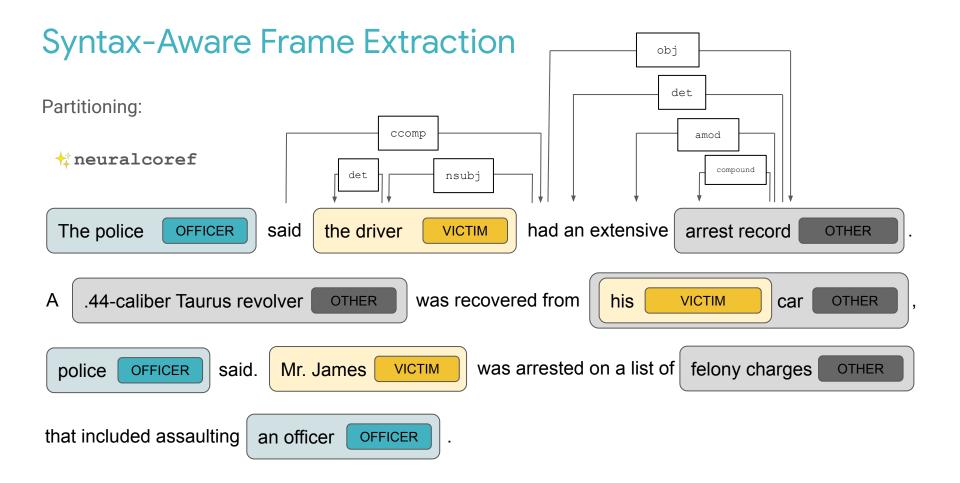
### Syntax-Aware Frame Extraction

Partitioning:

☆neuralcoref







### > Age, Gender, and Race

syntax

Armed or Unarmed

Attacking or Fleeing

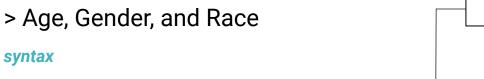
Criminality

Mental Illness

Legal Language

Official and Unofficial Sources

Systemic Racism



Armed or Unarmed

Attacking or Fleeing

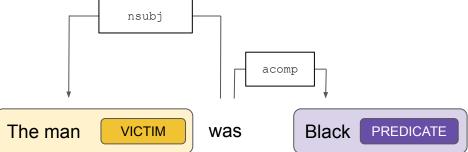
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Age, Gender, and Race

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regex

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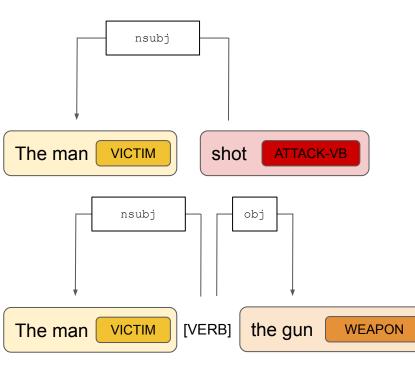
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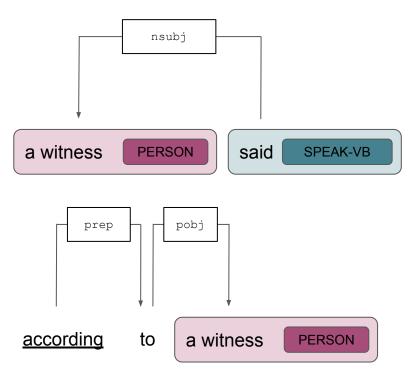
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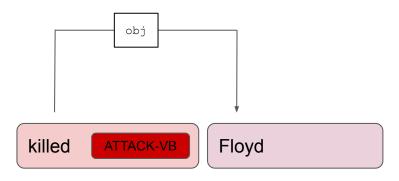
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Systemic Racism

#### > Video

regex

#### **Framing Device**

Age Armed Attack Criminal record Fleeing Gender Legal language Mental illness Official sources Race Systemic Unarmed Unofficial sources Video

	Iı	nclusion		0	rdering	
Framing Device	Lib.	Cons.	p	Lib.	Cons.	p
Age	0.472	0.764	***	0.480	0.467	
Armed	0.439	0.588	***	0.313	0.358	*
Attack	0.369	0.539	***	0.267	0.306	
Criminal record	0.613	0.655	*	0.294	0.278	**
Fleeing	0.228	0.336	***	0.246	0.217	
Gender	0.610	0.620	***	0.611	0.622	
Legal language	0.875	0.919	***	0.523	0.419	***
Mental illness	0.181	0.145	*	0.301	0.296	
Official sources	0.586	0.808	***	0.194	0.163	***
Race	0.428	0.214	***	0.296	0.233	***
Systemic	0.428	0.291	***	0.410	0.283	***
Unarmed	0.195	0.110	***	0.408	0.470	
Unofficial sources	0.708	0.780	**	0.184	0.163	***
Video	0.164	0.191		0.283	0.436	***

	Inclusion			Ordering			
Framing Device	Lib.	Cons.	p	Lib.	Cons.	p	
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conservative strategies that justify police conduct

**liberal** strategies that emphasize **systemic racism** 

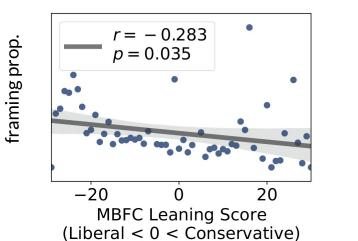
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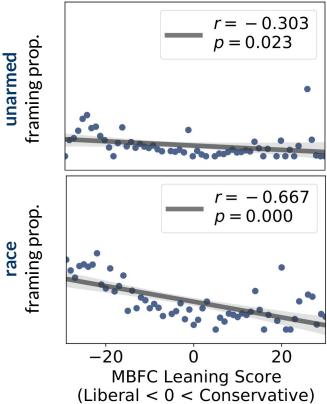
Inclusion

Ordering

conservative strategies that justify police conduct

systemic

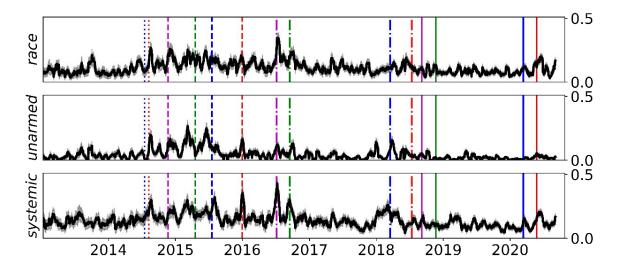




See Paper for more details

+ <u>Moral Foundations</u> and <u>Linguistic Style</u> Analysis

### The Broader Scope of Media Framing









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calebziems.com



@Diyi\_Yang

Thanks!

Please reach out



GT-SALT/framing-police-violence