



IS and the Western Journalism:

a media hype,
a self-reinforcing news process,
or “just news”?



From Objects to Data Research
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Research Questions

- What is the pattern of IS related terms (Isis; Islamic State; Daesh) on the print newspapers of the NRC Handelsblad and New York Times surrounding the dates of the terroristic attacks in Europe (Charlie Hebdo, Paris Bataclan, Zaventem (Brussels), Nice)?
- Does one of Stefan Geiss' types of a 'news wave' fit the found pattern?

research AIM

Illustrate and analyze the coverage of Isis attacks in Europe from 2 western news outlets

- Newspaper *article access* - useful to recognize coverage patterns
- Use of *two newspapers* - to ensure credibility and/or recognise differences in patterns in the two states

Methodology

- Defining the search terms;
- Obtaining the articles;
- Refining and organizing data;
- Comparing the data to Geiss's News Waves theory;
- Exploring the articles further for any additional conclusions
- Visualising the different findings using R Studio

& presenting our findings to this group of beautiful people.

Approach 1 - NYT API

- Using NYT API site to search terms and the time periods
- Accessing the data in Json format, converting it to .csv using online converter
- Importing the data to RStudio

Problems encountered -


1. Produced both online and print articles
2. Data contained only the first 10 entries of the dataset

```
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ems that were left behind.","lead_paragraph":"The service members ha  
re left behind.","abstract":"Camp Taji journal; American forces, retu  
emselves at two old bases; one is at Al Asad Air Base in Anbar Provin  
d seemingly frozen in time; soldiers are finding many personal items  
mes","multimedia":[{"width":190,"url":"images/2015/01/07/world/01/  
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my"}],"pub_date":"2015-01-07T00:00:00Z","document_type":"article","ne  
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world/middleeast/reports-of-civilian-deaths-prompt-inquiry-into-st  
stances in which coalition airstrikes against the Sunni militancy kno  
ates military has begun looking into two instances in which coalition  
vilians.","abstract":"Pentagon Press Sec Rear Adm John Kirby says Un  
ppened due to American-led airstrikes against Islamic State.","print  
Civilian Deaths Prompt Inquiry Into Strikes Against ISIS","print hei  
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ria (ISIS)"}, {"rank":"3","is_major":"Y","name":"glocations","value":  
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ooting","kicker":"News"},"keywords":[{"rank":"1","name":"glocations",
```

Approach 2 - Lexis Nexis

- Searching the database by terms according to the date and newspaper
- Downloading data and merging data of the time periods


Search the News



Covers 1980 to today.

Search For:

By Source Type

All Languages 

Or **by Source Title**

Start typing a title like **New York Times**

»Try also [All News](#) search & [Sources](#) directory.

Go

Datasets

- Downloaded 14 datasets for each attack
 - 7 days and 2 different newspapers

	i..BYLINE	DATE	DATETIME	HEADLINE	LENGTH	PUBLICATION	SECTION	TITLE	X
1	Door een onzer redacteuren	26 maart 2016 zaterdag	NA	VS claimen dood financiële topman IS	508 woorden	NRC Handelsblad	In het nieuws; Blz. 2-3	NA	NA
2	Caroline de Gruyter	26 maart 2016 zaterdag	NA	De zelfmoordenaars weten waar zij heen willen. Wij n...	632 woorden	NRC Handelsblad	In het nieuws; Blz. 10-11	NA	NA
3	Door onze correspondentGert van Langendonck	26 maart 2016 zaterdag	NA	Politie pakt in drie landen verdachten op	1369 woorden	NRC Handelsblad	In het nieuws; Blz. 4-5	NA	NA
4	Anton Mullink Lambert Quant Harm Schut	26 maart 2016 zaterdag	NA	Terreur in Brussel Consequent seculier denken is he...	479 woorden	NRC Handelsblad	Opinie & Debat; Blz. NH_NL02_010	NA	NA

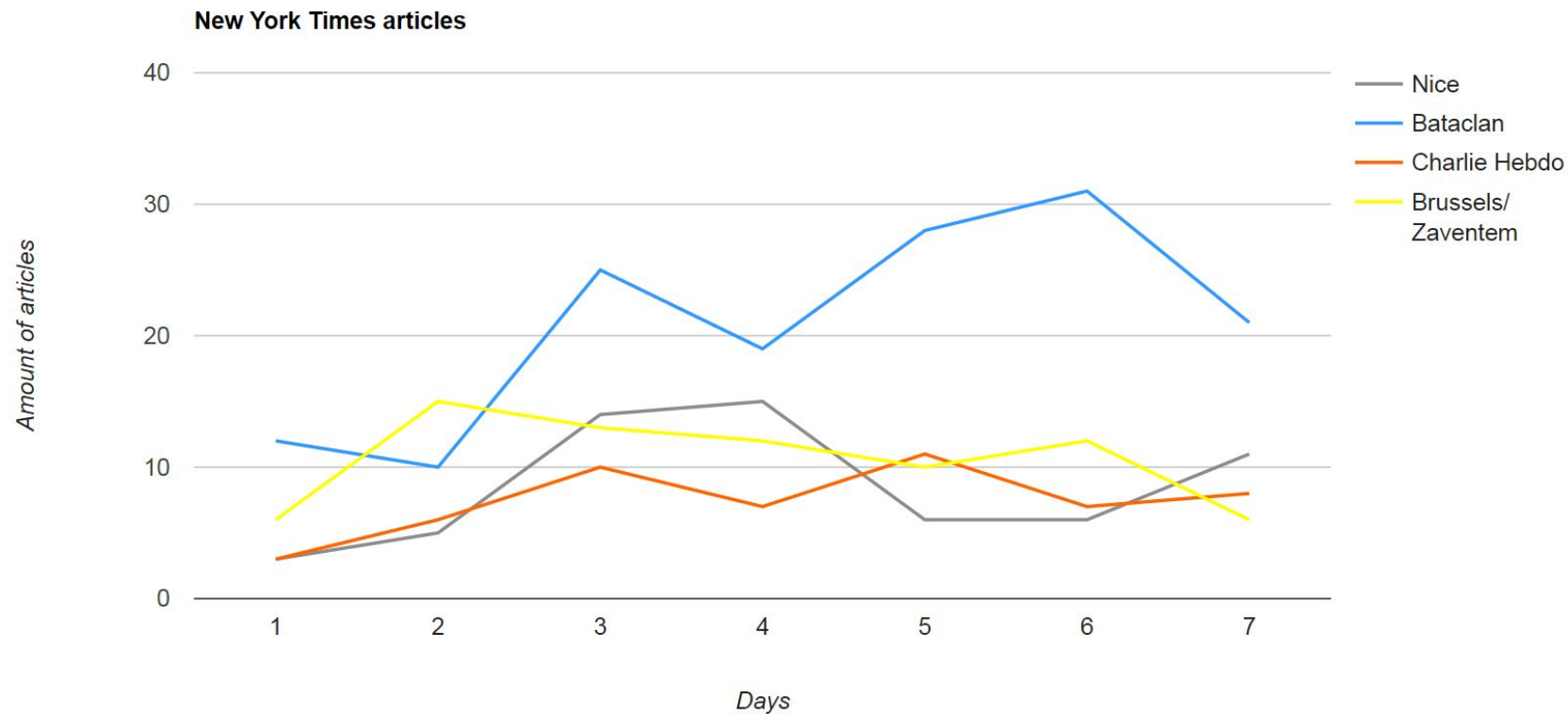
- Using three different scripts to refine the datasets
 - Merging data of each attack
 - Counting articles
 - Merging attacks for each newspaper

	days	Nice	Bataclan	Charlie Hebdo	Brussels/Zaventem
1	1	2	0	3	1
2	2	5	2	3	2
3	3	2	8	4	2
4	4	5	12	2	3
5	5	2	4	3	4
6	6	2	6	4	3
7	7	3	4	2	1

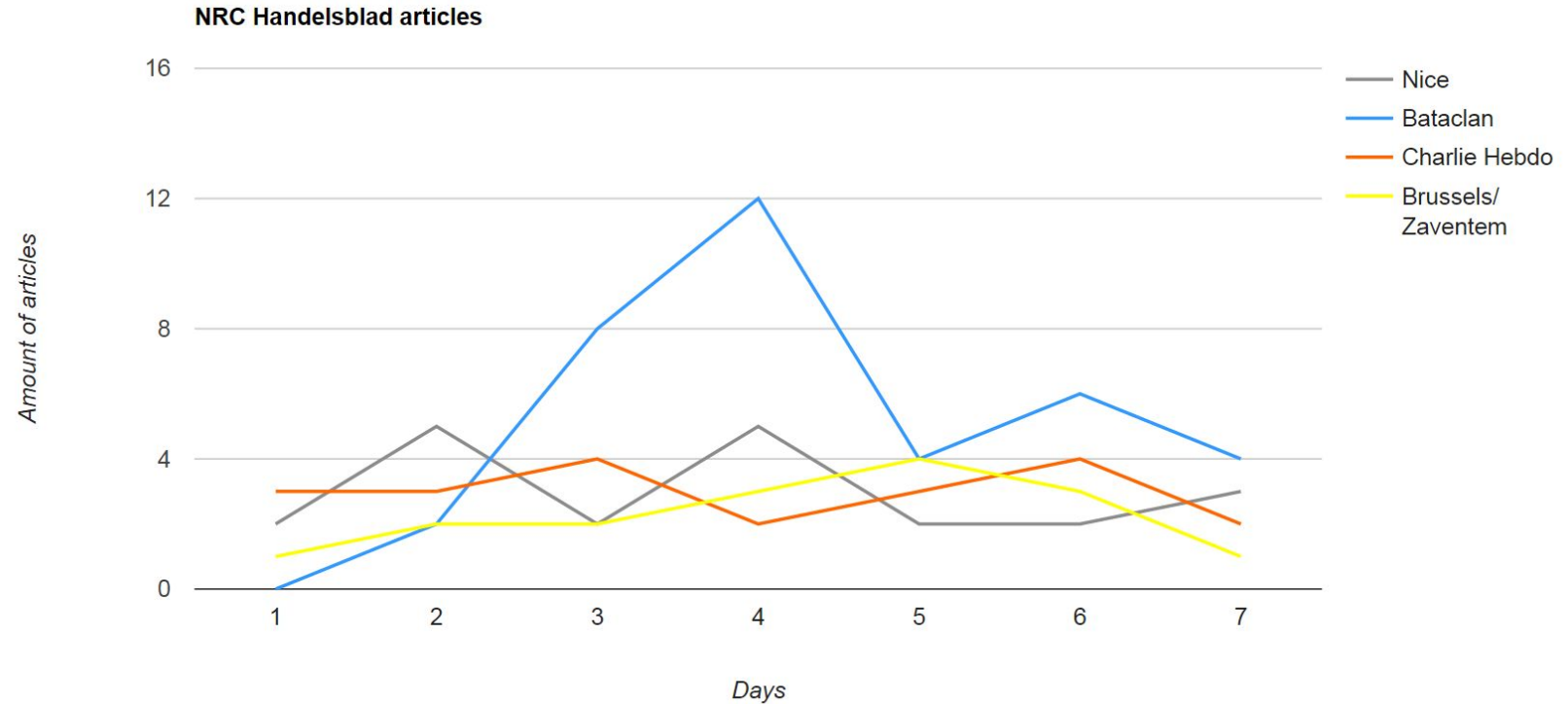
Visualizing the coverage

- Graphs in RStudio
- Using googleVis to create interactive graph

Results (visualisations) - NYT



Results - NRC Handelsblad



Theoretical comparison/analysis - News waves

The New York Times

- Can we assume the coverage follows Geiss's theory of news waves?
 - The attack coverage data doesn't form wave patterns
 - American media and terrorism coverage

NRC Handelsblad

- Can we assume the coverage follows Geiss's theory of news waves?
 - Wave pattern evidence in data

Conclusions

What can we conclude by looking at both datasets?

- More frequent coverage of Isis observed in NYT
 - However - data doesn't show evidence of news waves.
- NRC Handelsblad coverage - shows patterns/evidence of news waves

Further research suggests an additional journalistic content approach to the articles.



Gracias!



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