

# SPiegel MINING

DAVID KRIESEL

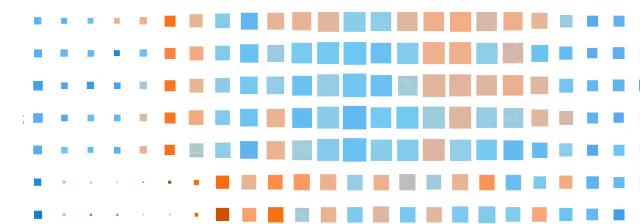
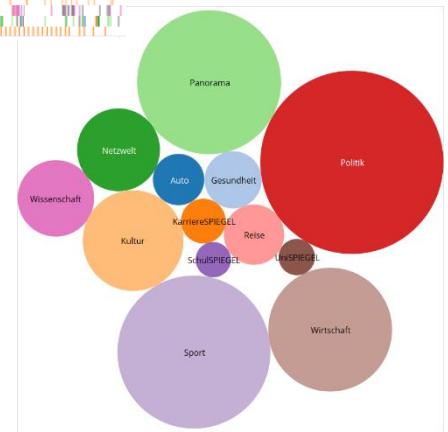
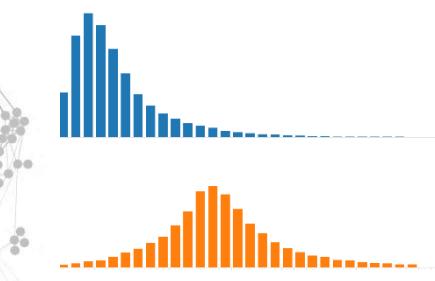
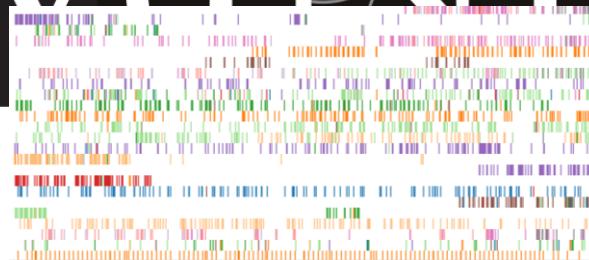
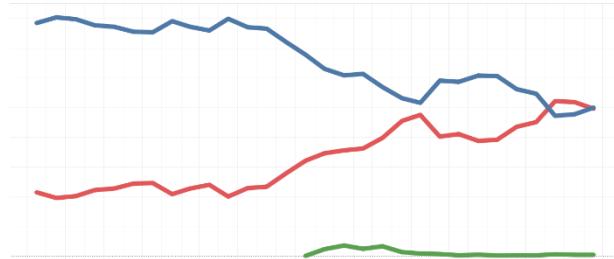
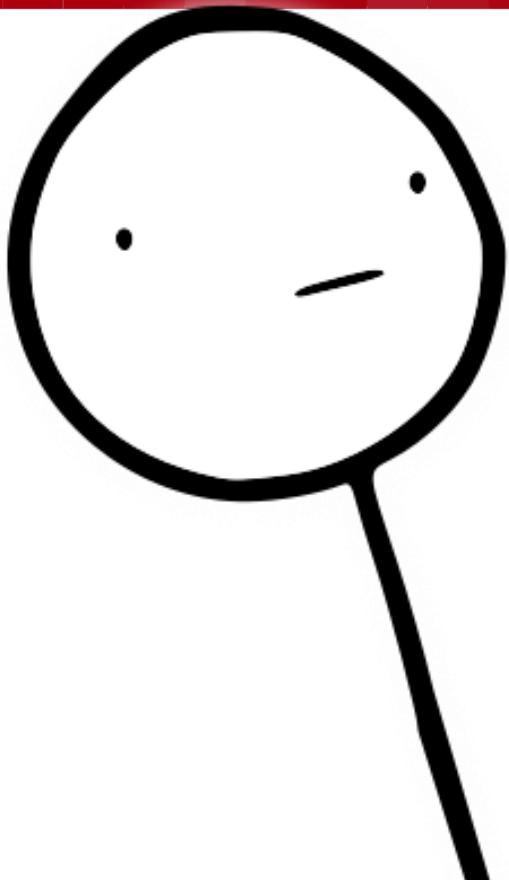
DKRIESEL.COM

CHAOS COMMUNICATION CONGRESS – 33C3

28. DEZEMBER 2016, HAMBURG

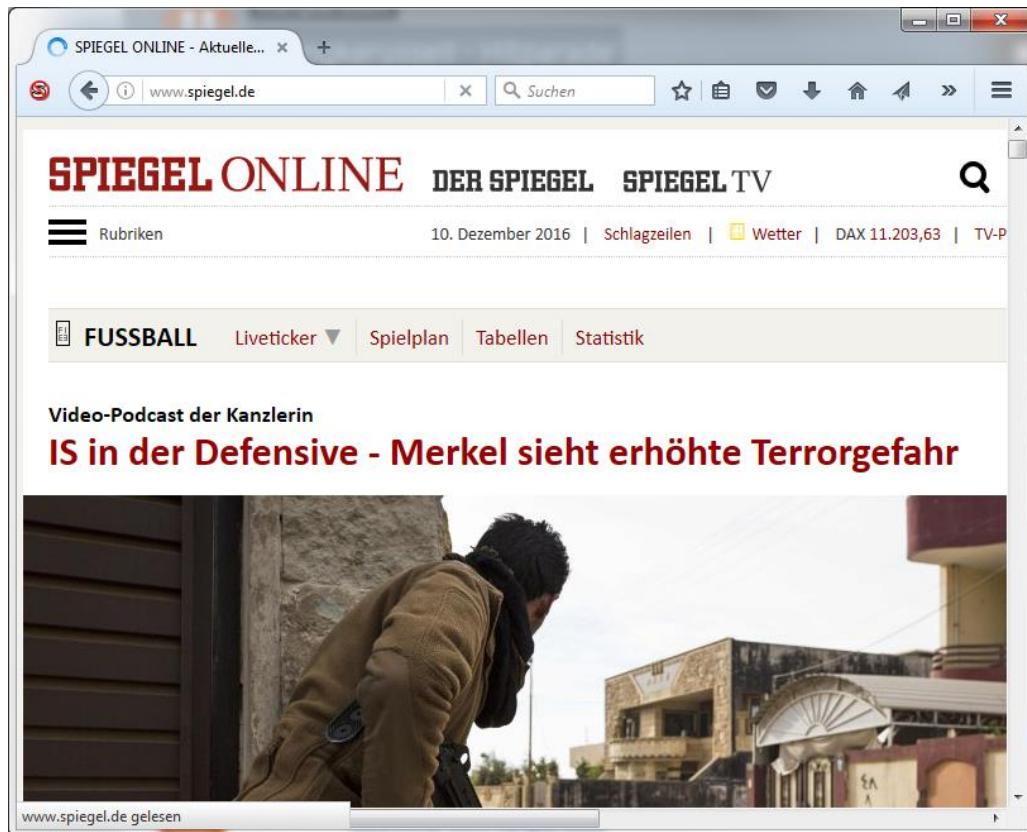
SÄMTLICHE UNGEKENNZEICHNETEN ABBILDUNGEN STAMMEN VON MIR SELBST, SIND FREI VERFÜGBAR ODER SIND BROWSERSCREENSHOTS.

# SPIEGEL MINING



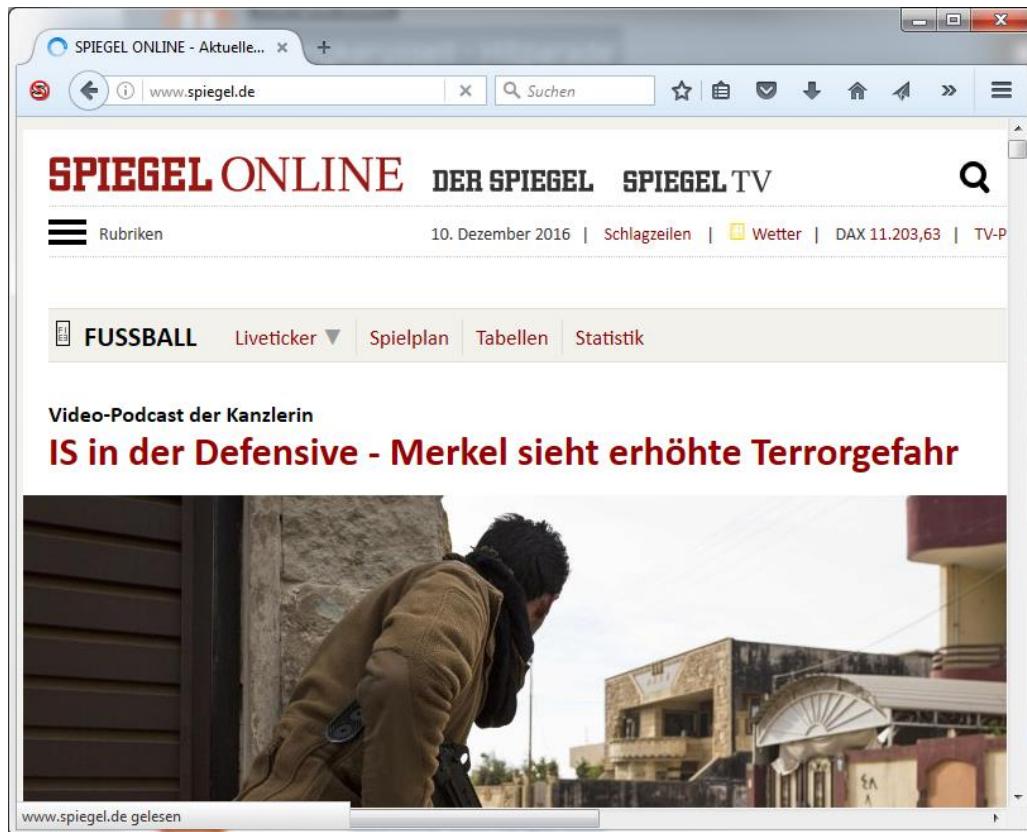
# Was ist Spiegelmining?

## SpiegelOnline

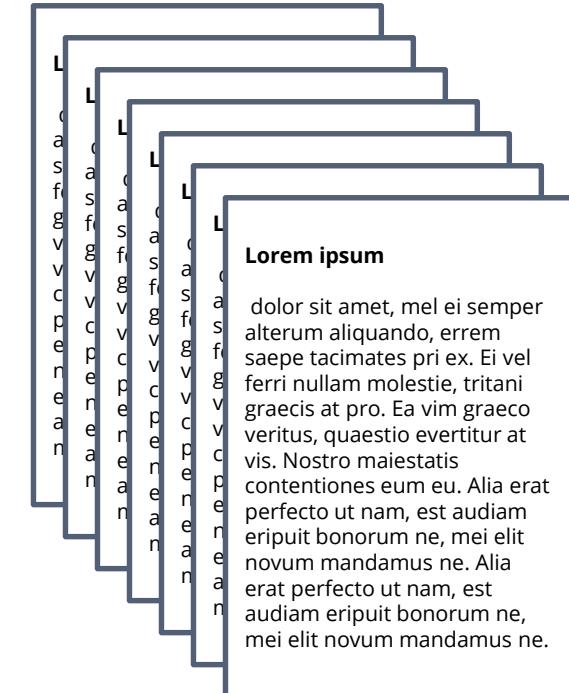
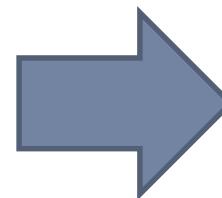


# Was ist Spiegelmining?

## SpiegelOnline



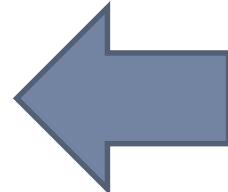
## Artikelsammlung



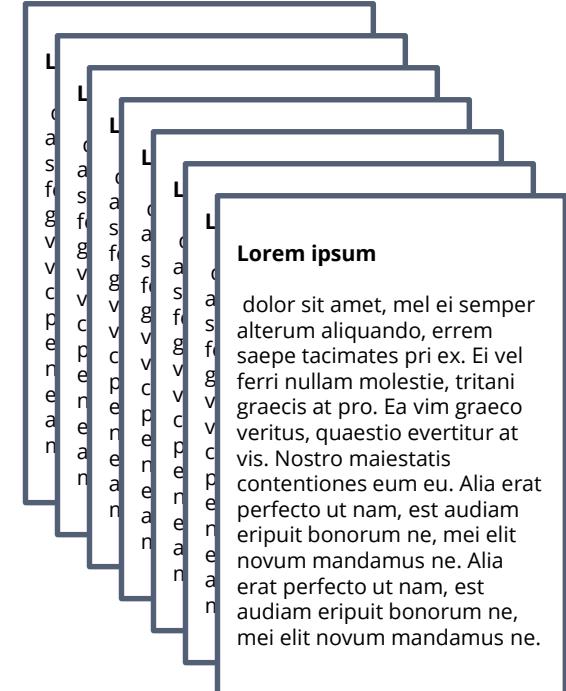
# Was ist Spiegelmining?

## Features

Rubrik	Veröffentlichung
Panorama	2014-07-16 13:46:23
Netzwelt	2015-01-19 09:17:33
Politik	2015-01-14 16:30:55
Sport	2014-09-30 13:41:21
Sport	2014-07-07 11:06:12
Panorama	2014-08-02 09:23:59
...	...

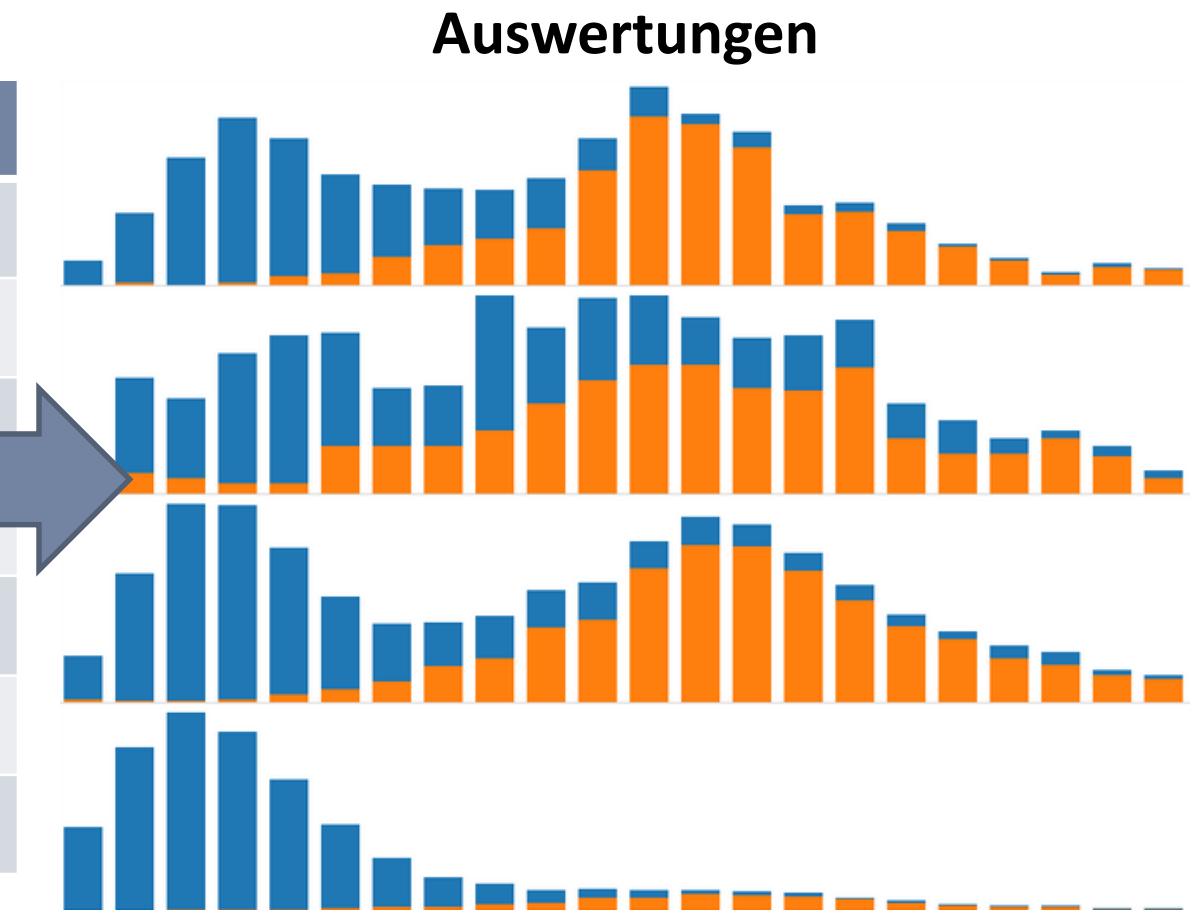


## Artikelsammlung



# Was ist Spiegelmining?

Rubrik	Features
	Veröffentlichung
Panorama	2014-07-16 13:46:23
Netzwerk	2015-01-19 09:17:33
Politik	2015-01-14 16:30:55
Sport	2014-09-30 13:41:21
Sport	2014-07-07 11:06:12
Panorama	2014-08-02 09:23:59
...	...



# Was ist Spiegelmining?

## Blogartikel-Serie

News [D. Kriesel] [x](http://www.dkriesel.com/start?btng[...])

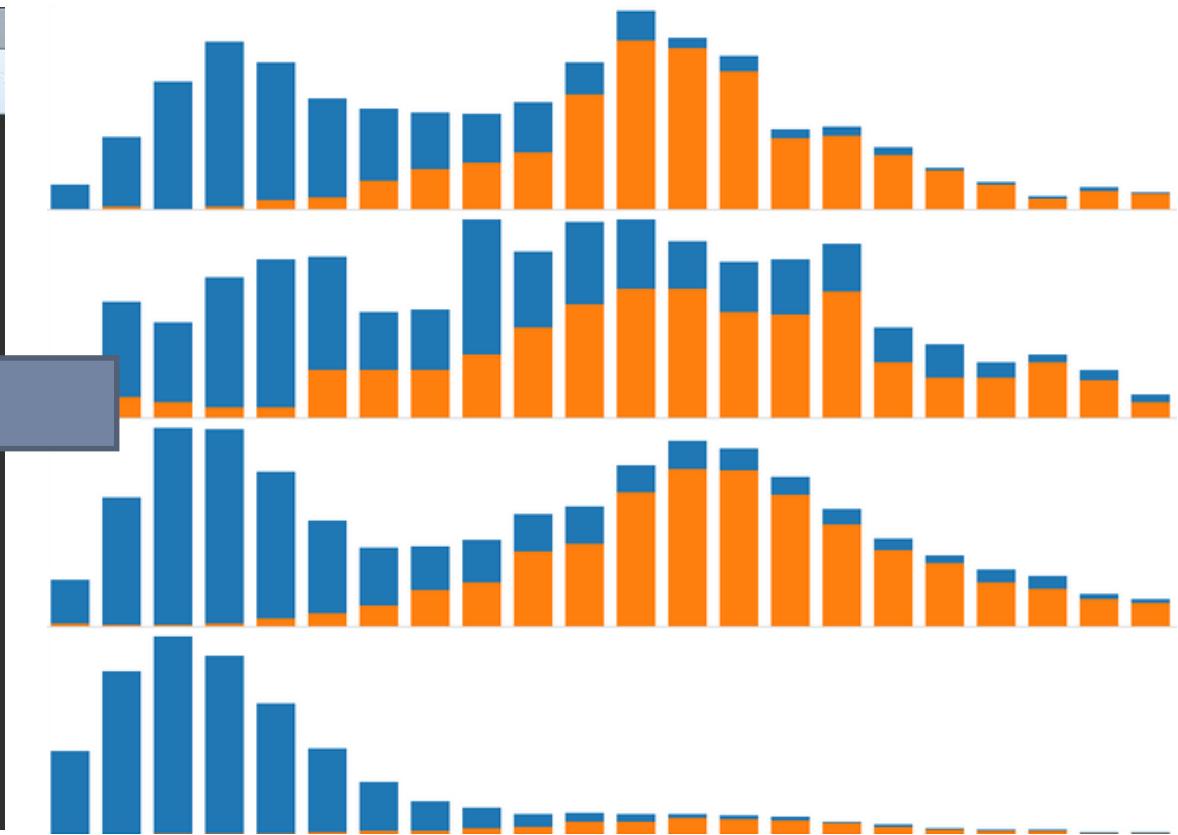
Suchen

SpiegelMining. Auch Spiegelredakteure feiern Weihnachten. Eine Analyse von 70.000 SpiegelOnline-Artikeln

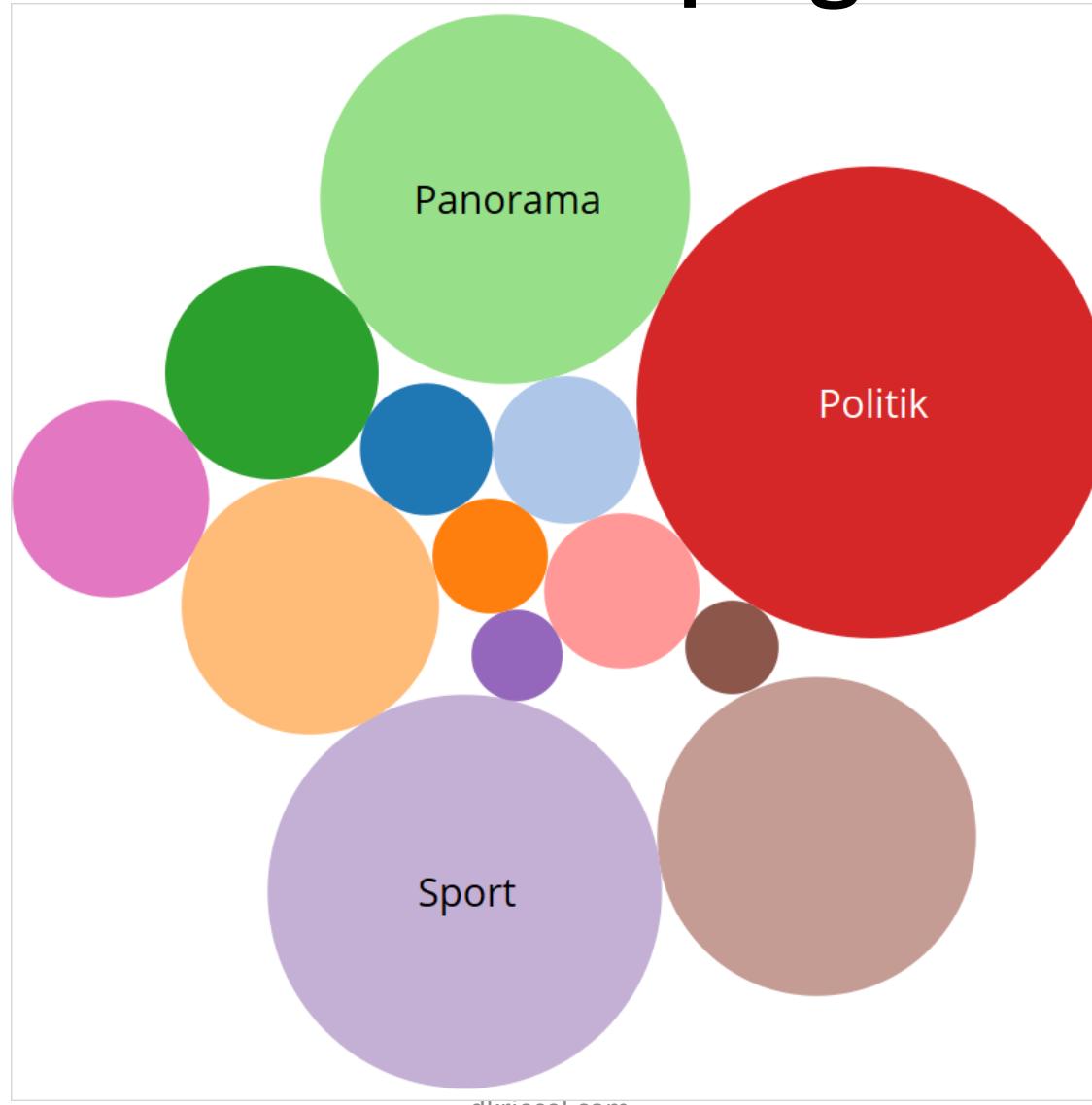
## SPIEGEL MINING

Seit Mitte 2014 habe ich mehr als 70.000 Artikel von SpiegelOnline systematisch gespeichert. Jeden Tag kommen im Schnitt 100 dazu. Diese Artikelmasse werden wir in der nächsten Zeit auswerten und erforschen. Was herauskommt, ist eine tiefgreifende Analyse des Publikationsverhaltens des vielleicht größten Meinungsmachers Deutschlands.

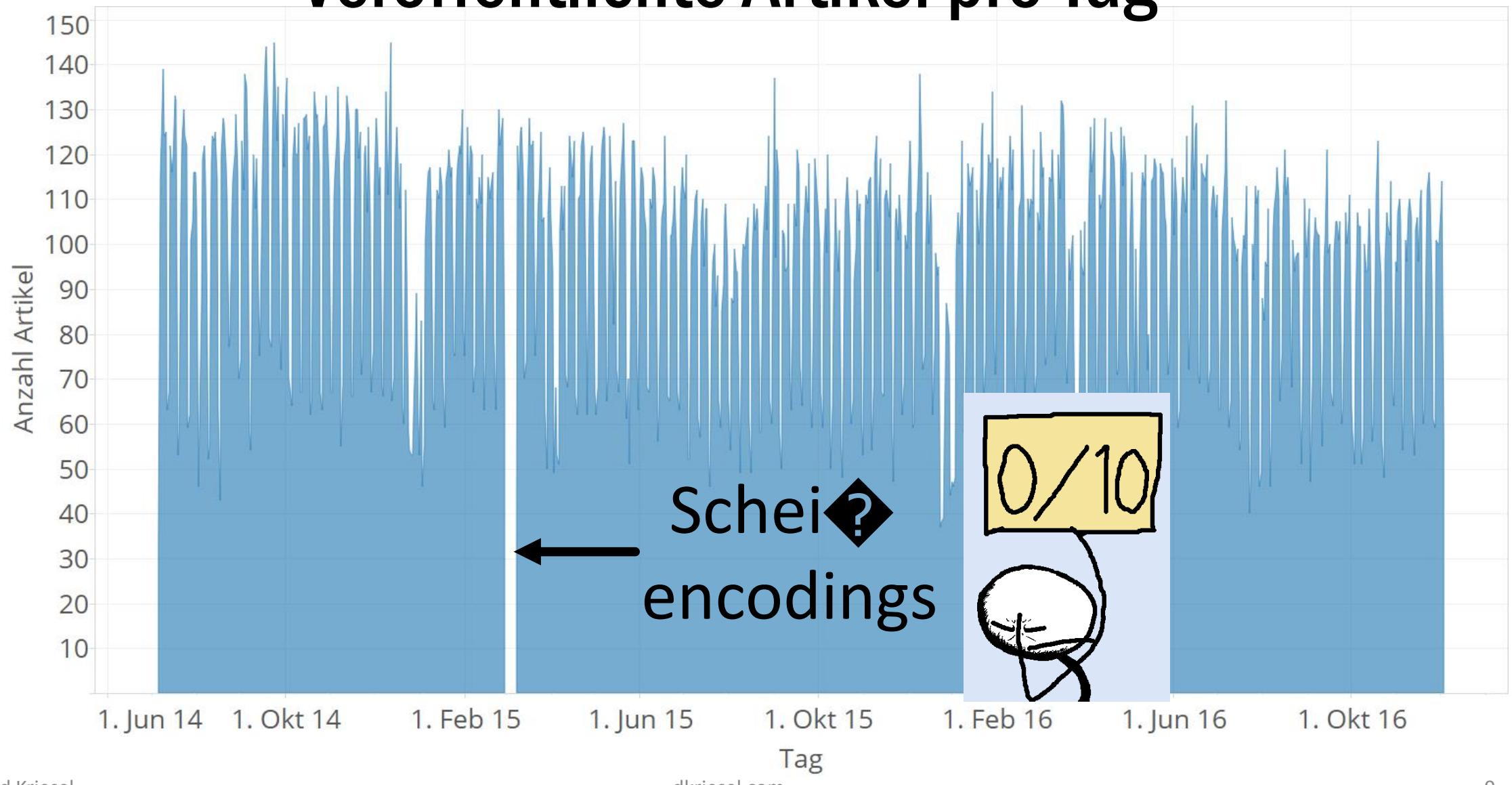
## Auswertungen



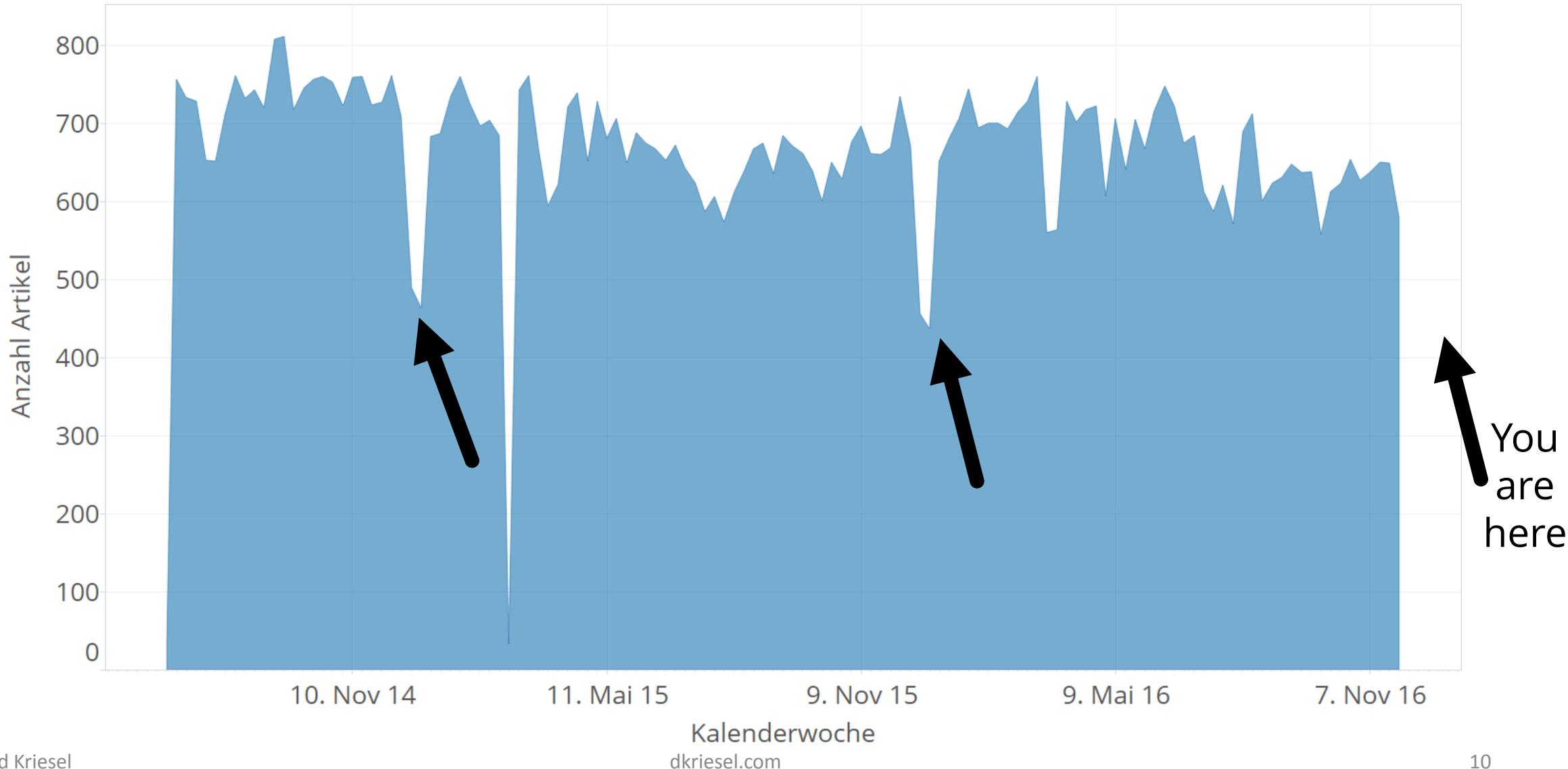
# Die Rubriken von SpiegelOnline



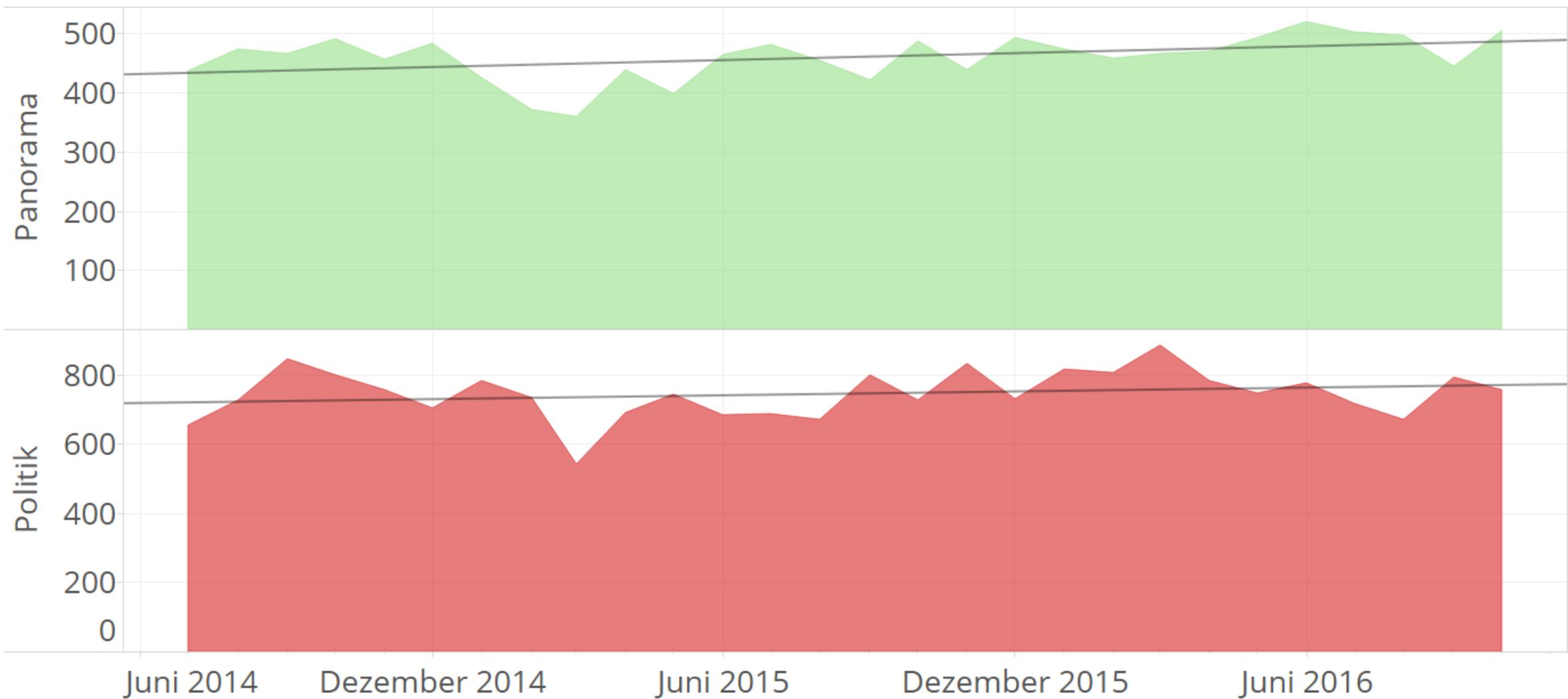
# Veröffentlichte Artikel pro Tag



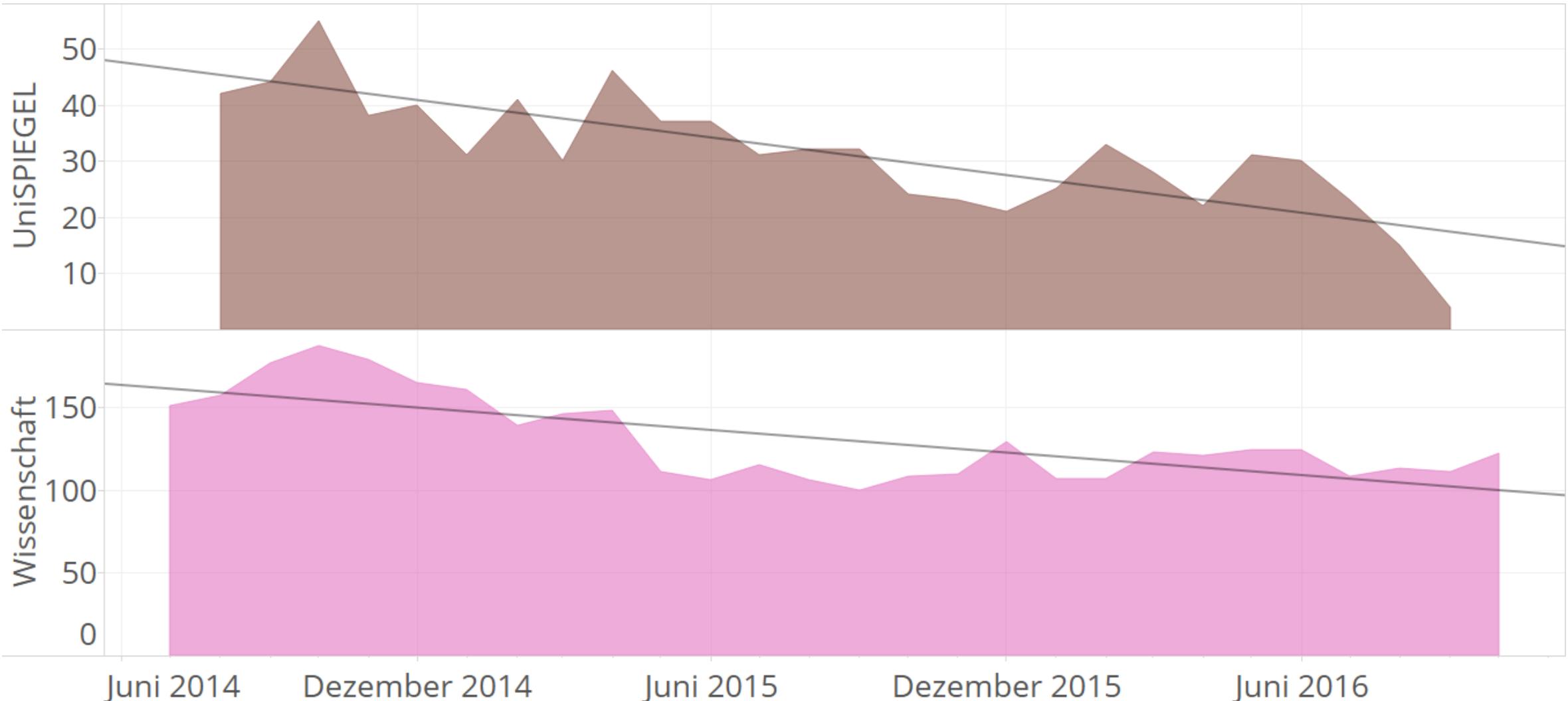
# Veröffentlichte Artikel pro Woche



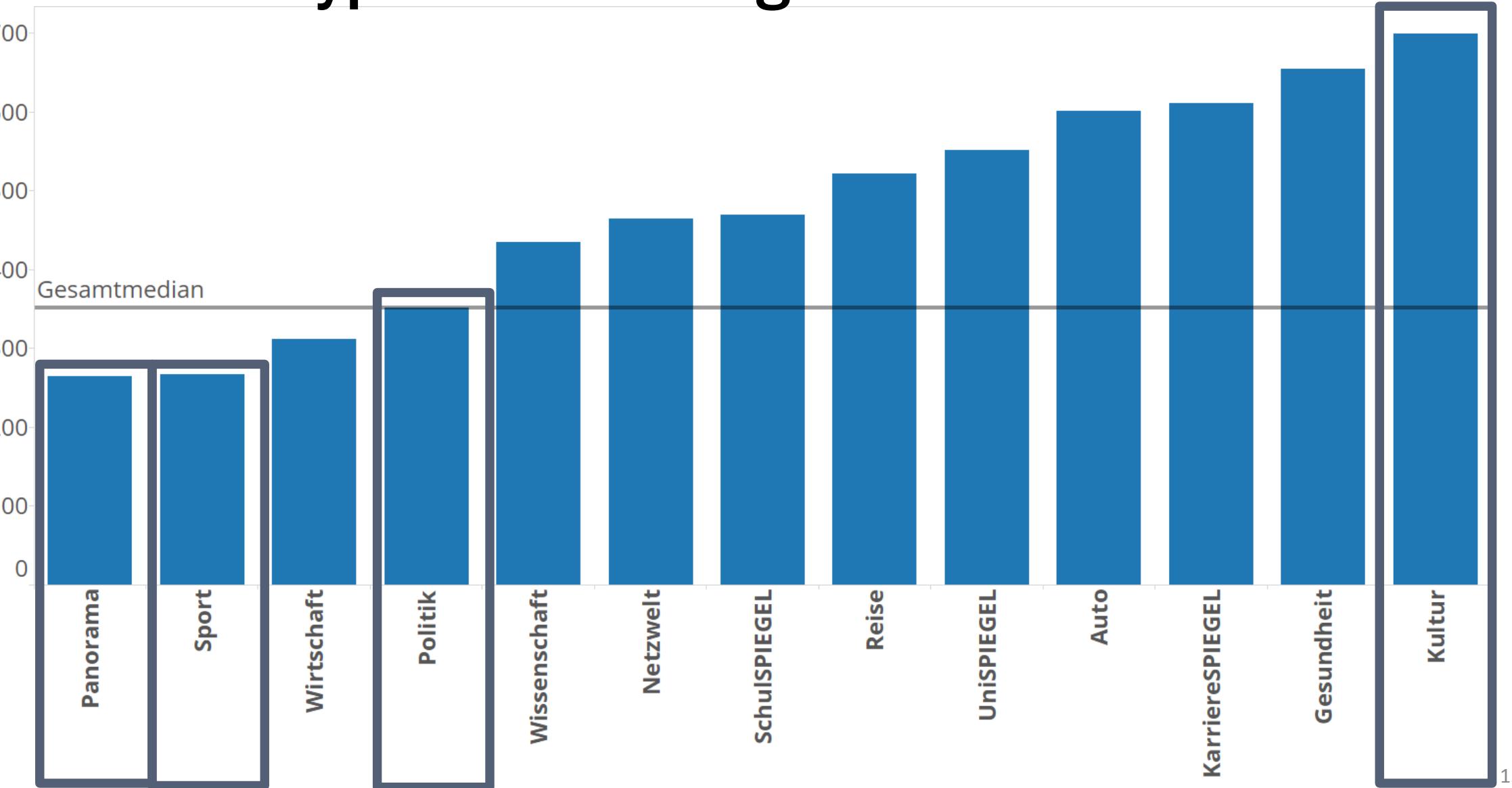
# Panorama und Politik veröffentlichen stabil ...



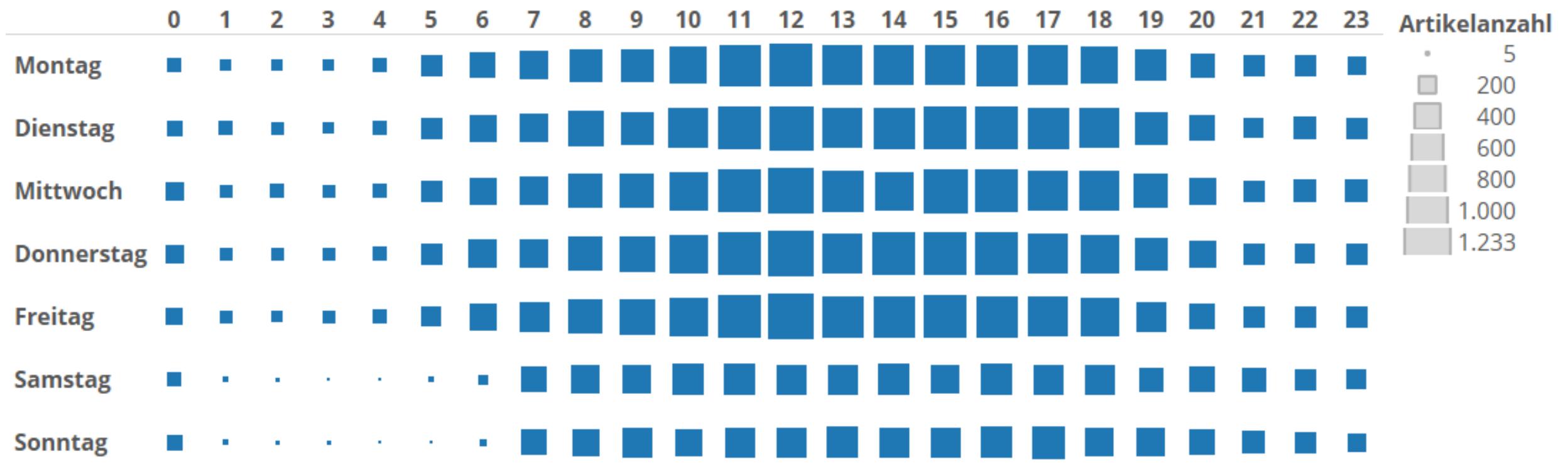
# ... andere Ressorts werden gerupft.



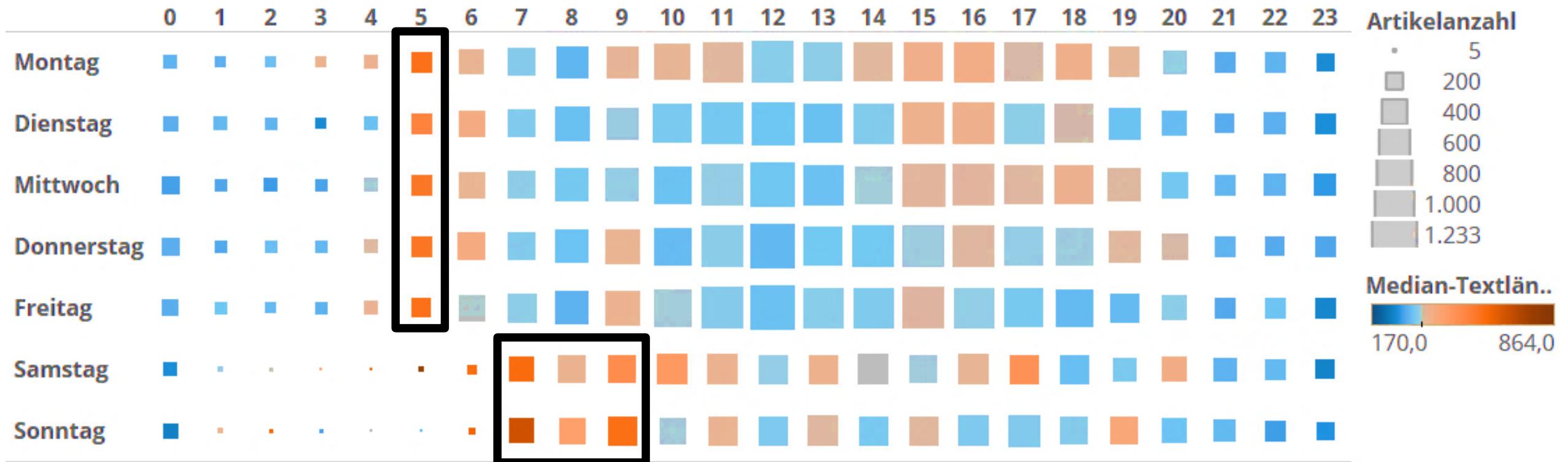
# Typische Textlängen nach Rubrik



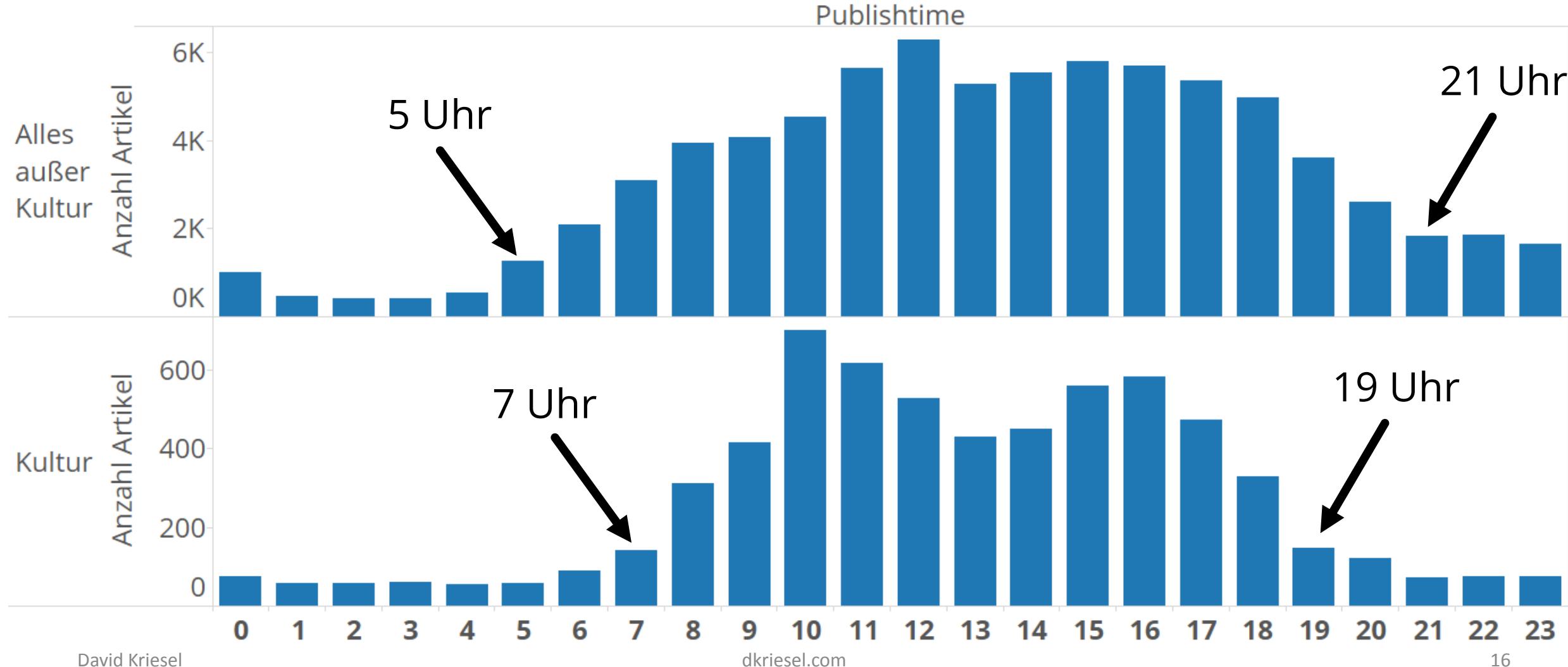
# Veröffentlichungen nach Wochentag und Zeit



# Veröffentlichungen/Textlänge nach Wochentag und Zeit



# Veröffentlichungen/Textlänge nach Wochentag und Zeit (Kultur)



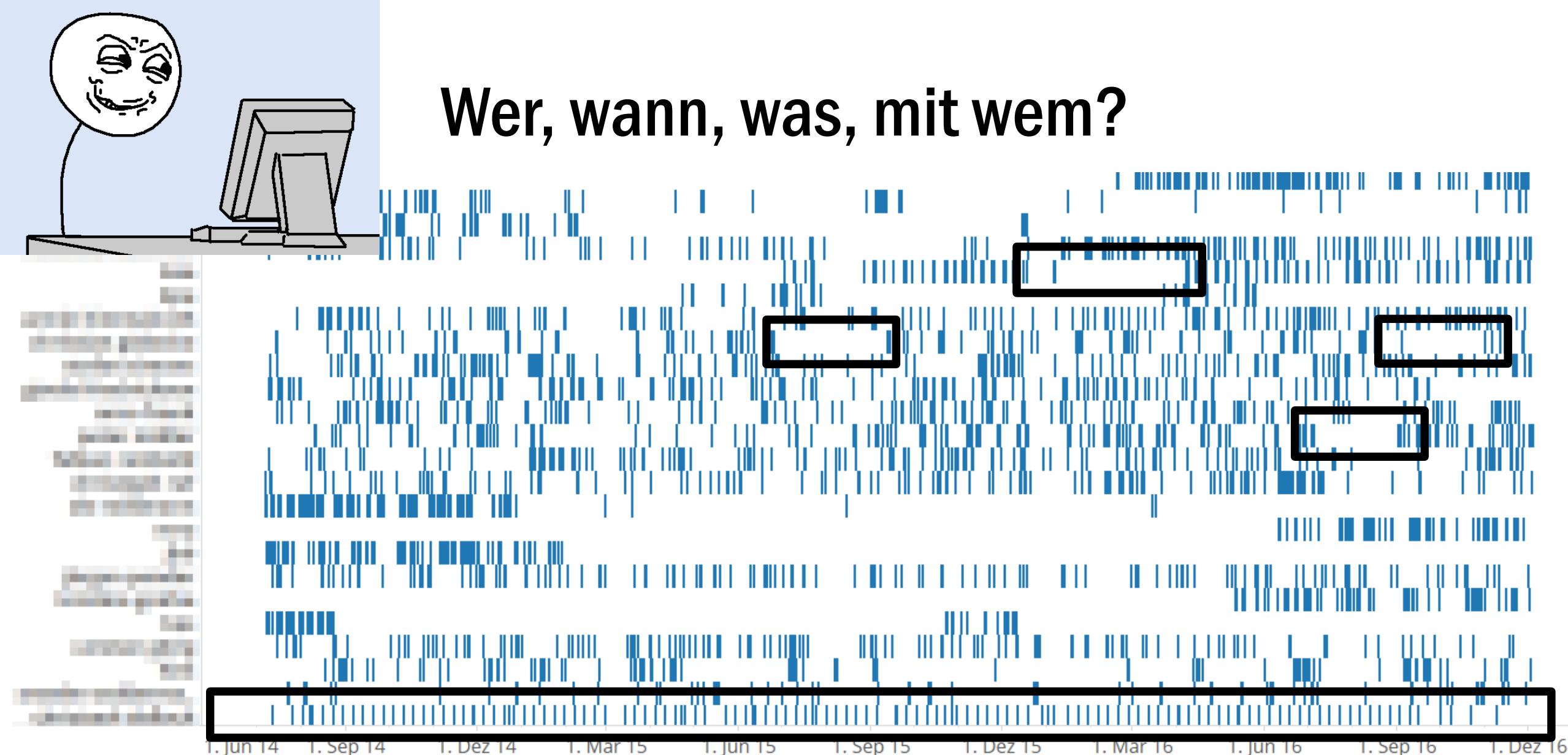
# **Wer, wann, was, mit wem?**

# Wer, wann, was, mit wem?

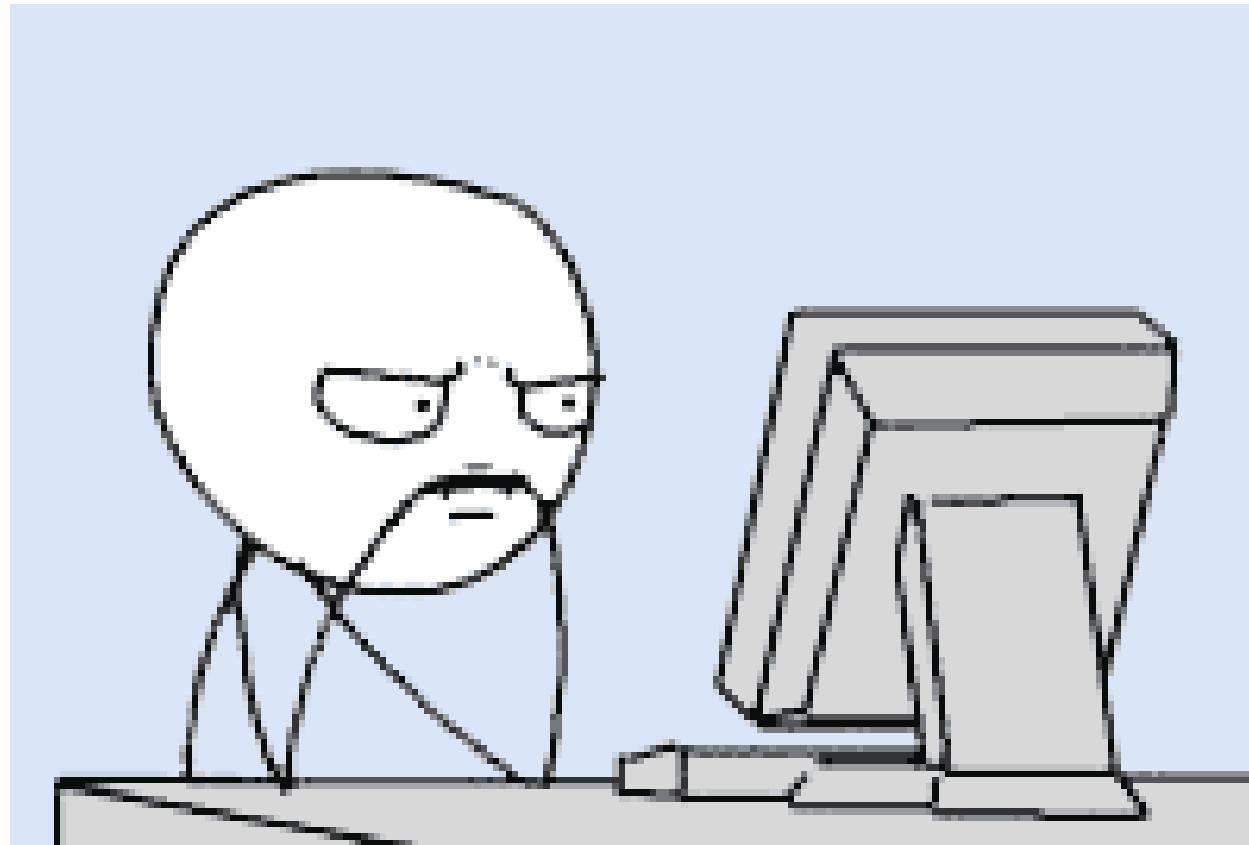


# Wer, wann, was, mit wem?





# Wir alle, wann, was, mit wem?



# Kassen- und Privatartikel

Autoren oben, ausgeschrieben

A screenshot of a web browser showing a SPIEGEL ONLINE article. The title is "Erfundenes Zitat auf Facebook - Künast stellt Strafanzeige". The text discusses how Marcel Rosenbach used a false quote from Renate Künast on Facebook to defame her. A yellow box highlights the author's name, "Von Marcel Rosenbach", which is also pointed to by a black arrow. Below the author's name is a small photo of a woman with short hair and a green umbrella.

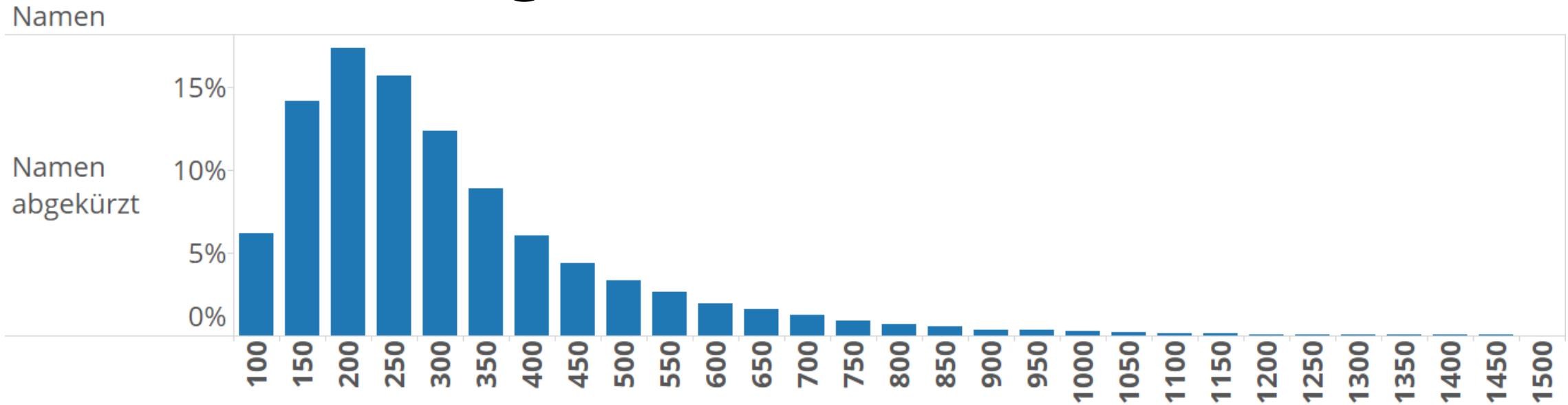
David Kriesel

Autoren unten, als Kürzel

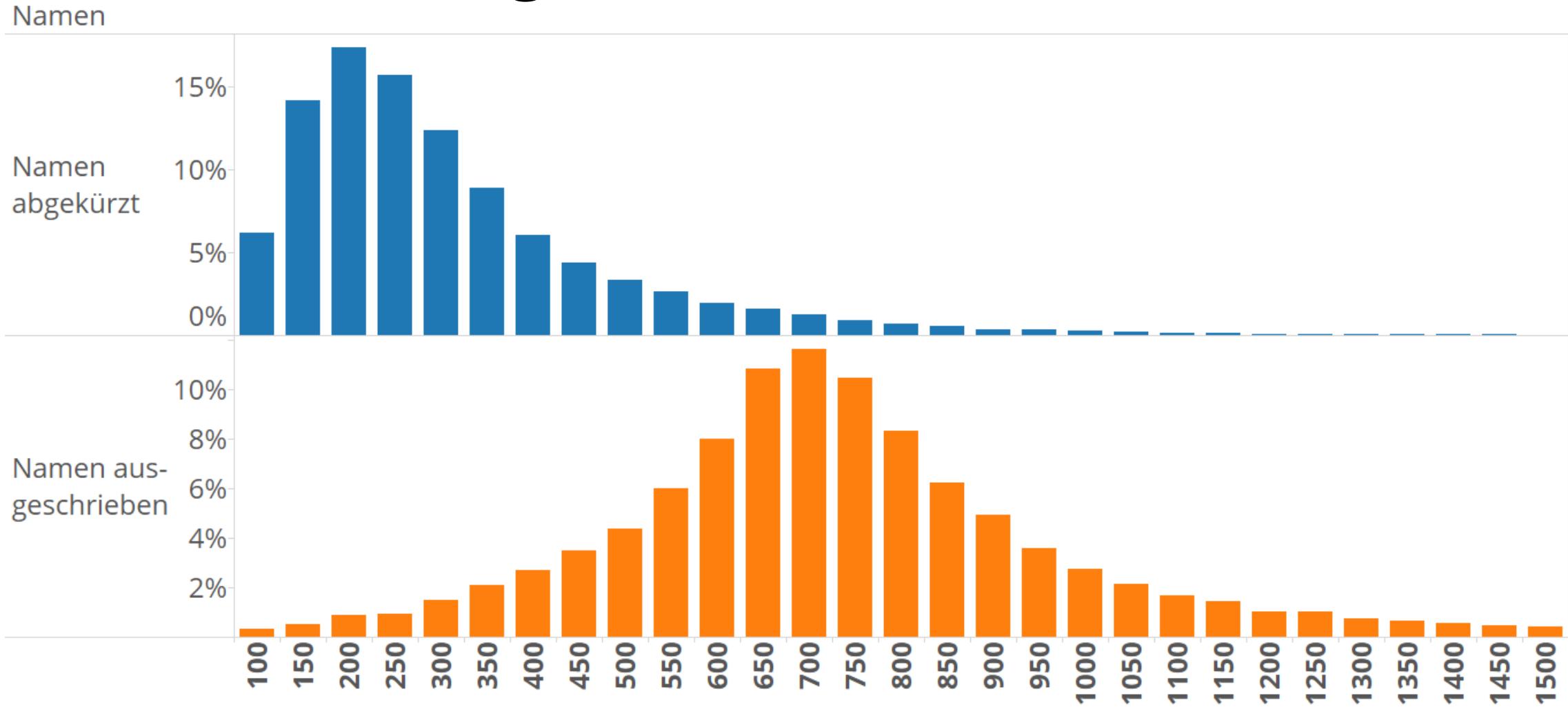
A screenshot of a web browser showing a SPIEGEL ONLINE article about a rape case in Iran. The text states that the defendant had to swear under oath that he had not committed the crime, despite being sentenced to death. Wahid promised in court to love the girl and be a good husband. He must now serve two years in prison instead of the death sentence. A yellow box highlights the source "bma/dpa", which is also pointed to by a black arrow. Below the source is a "Zur Startseite" link. To the right of the article, there is a placeholder for a symbol photo with the text "David (Symbolfoto)" and a cartoon drawing of a person's head.

dkriesel.com

# Selbstgeschrieben oder nicht?



# Selbstgeschrieben oder nicht?



# Artikel haben Keywords

Politik, Ausland, Saudi-Arabien, König Salman von Saudi-Arabien

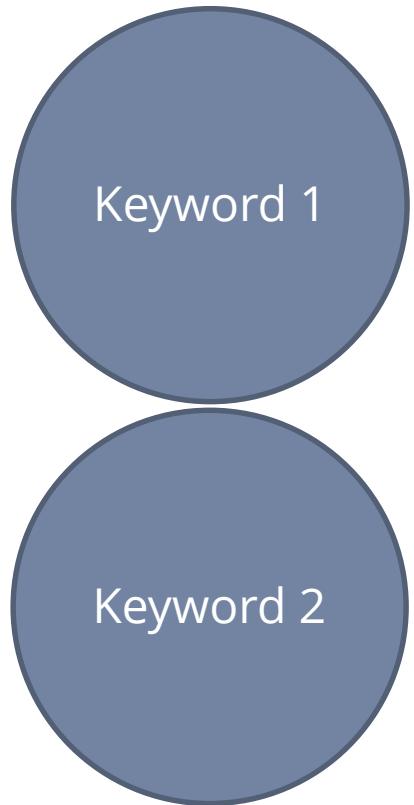
The screenshot shows a web browser window for SPIEGEL ONLINE. The title bar says "Reformen in Saudi-Arabien...". The main content area features the SPIEGEL logo and navigation links for POLITIK, PANORAMA, and SPIEGEL TV. Below this, a sub-navigation bar includes "Schlagzeilen", "Wetter", "DAX 11.203,63", and "TV-F". The main headline is "Zukunft ohne Öl gesucht". The text discusses Saudi Arabia's economic crisis due to oil price falls and its modernization efforts. It is attributed to "Konstantin von Hammerstein, Riad". A small image of a modern building is visible at the bottom.

Panorama, Drogen in Kolumbien, Kolumbien, Kokain, Drogen, Farc

The screenshot shows a web browser window for SPIEGEL ONLINE. The title bar says "Kolumbien: Friedensprozes...". The main content area features the SPIEGEL logo and navigation links for PANORAMA, POLITIK, and SPIEGEL TV. Below this, a sub-navigation bar includes "Schlagzeilen", "Wetter", "DAX 11.203,63", and "TV-F". The main headline is "Frieden in Kolumbien sorgt für Kokainboom in Europa". The text discusses the peace process in Colombia and its impact on the cocaine trade. It is attributed to "Andreas Ulrich". A small image of a building is visible at the bottom.

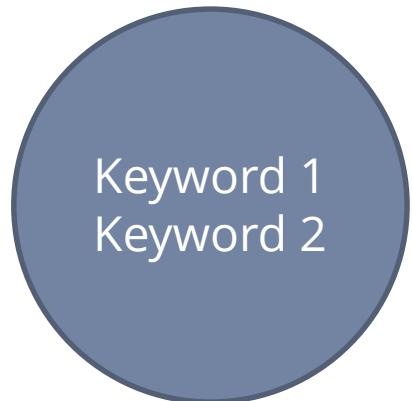
# Keyword-Verwandtschaften

**Verwandt**



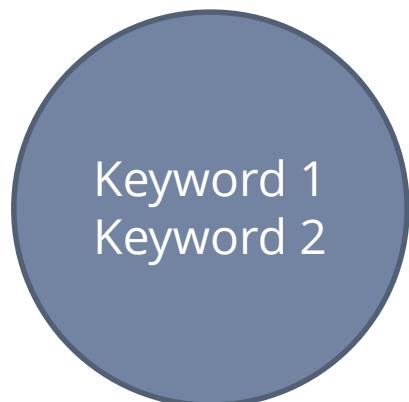
# Keyword-Verwandtschaften

**Verwandt**

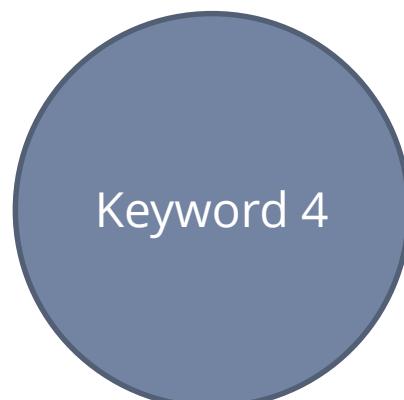
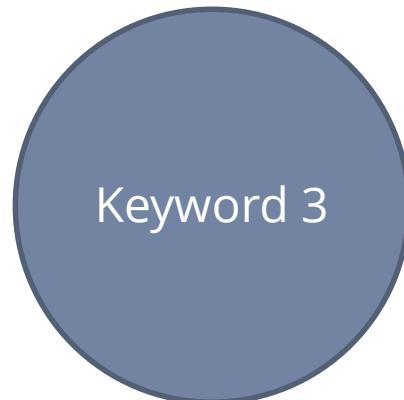


# Keyword-Verwandtschaften

**Verwandt**

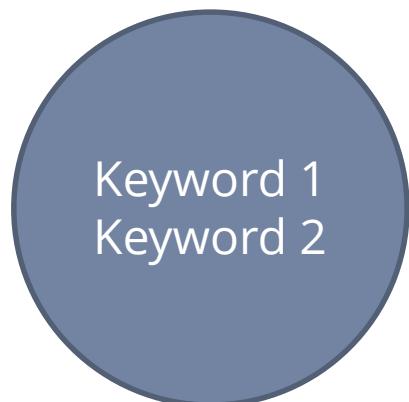


**Unverwandt**

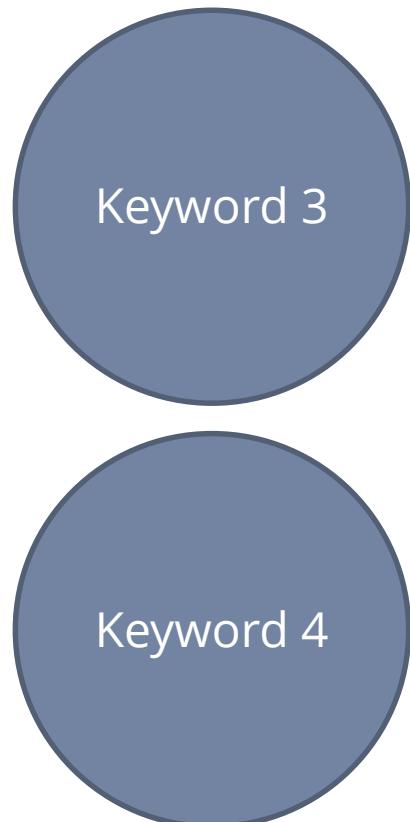


# Keyword-Verwandtschaften

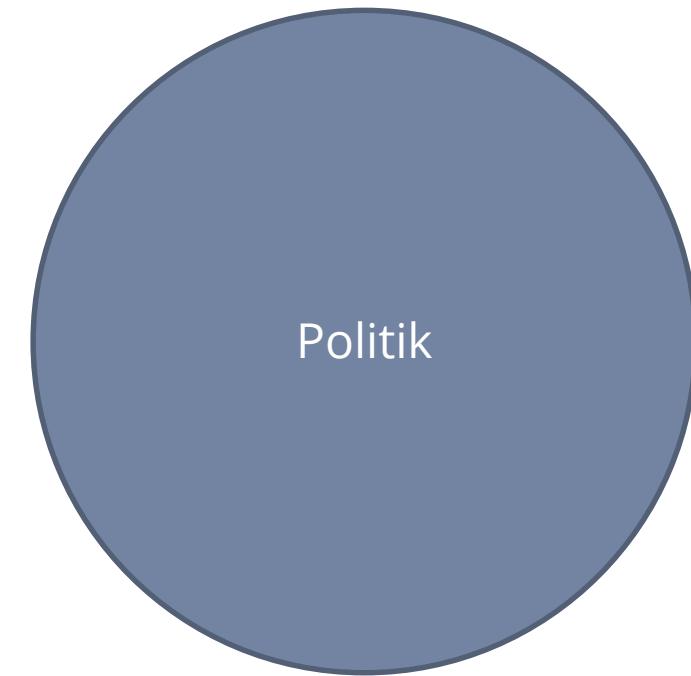
**Verwandt**



**Unverwandt**

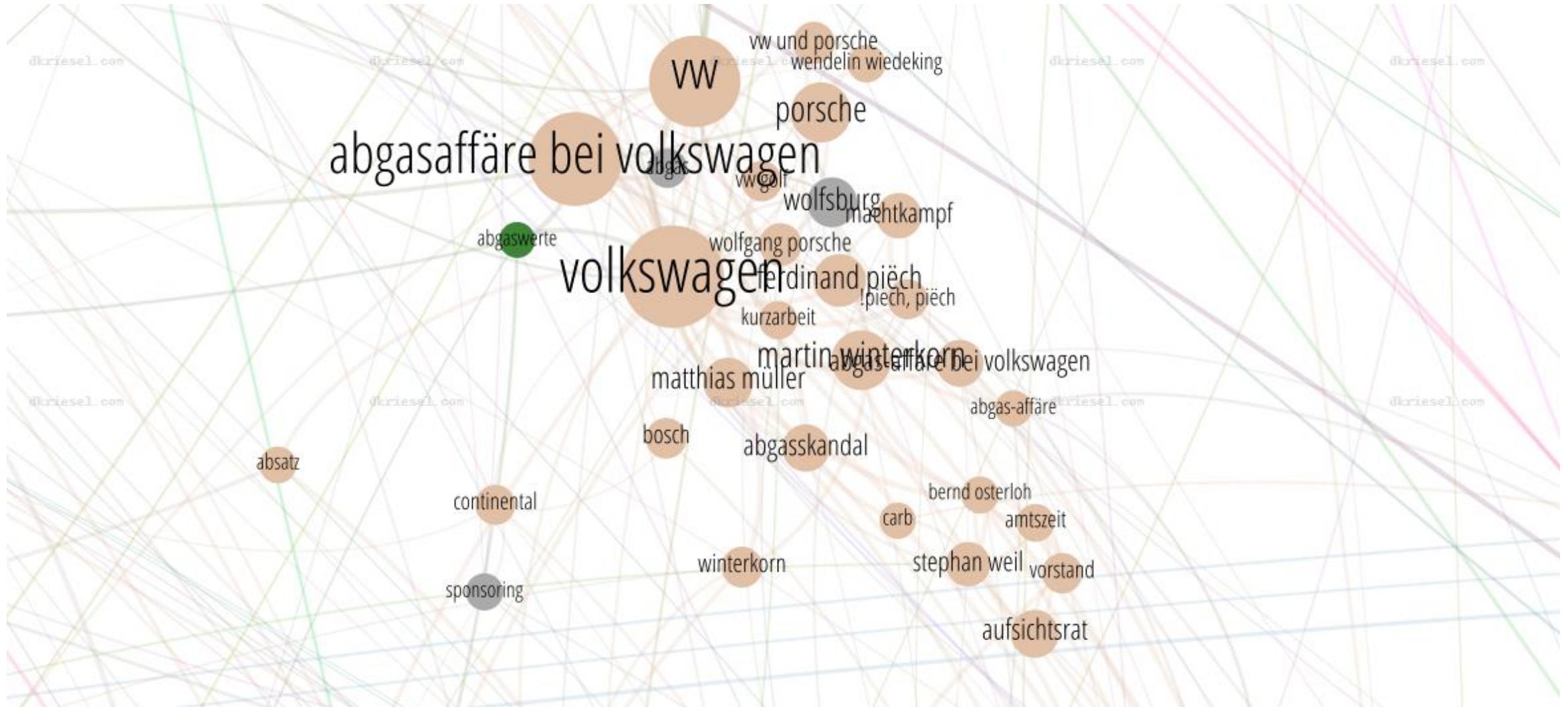


**Mittelverwandt**

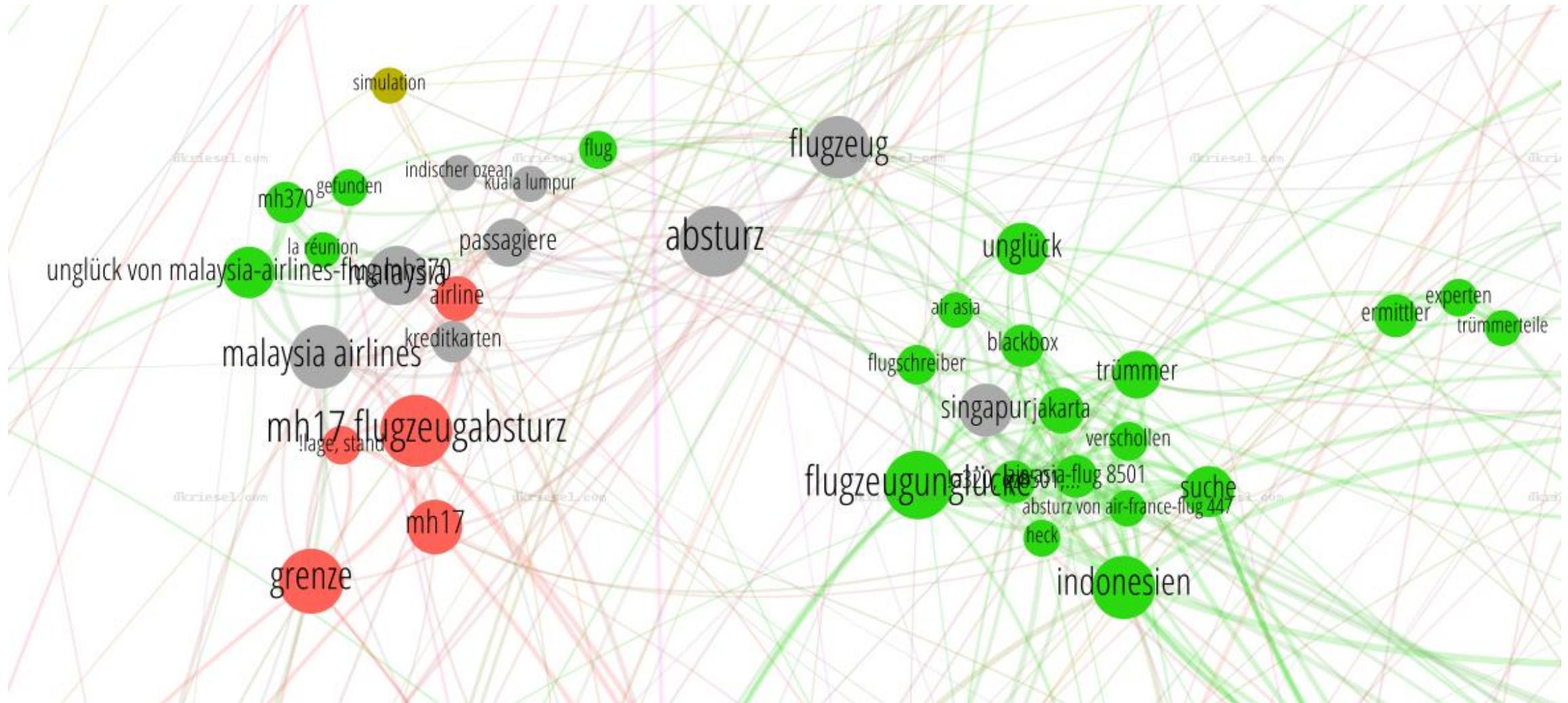




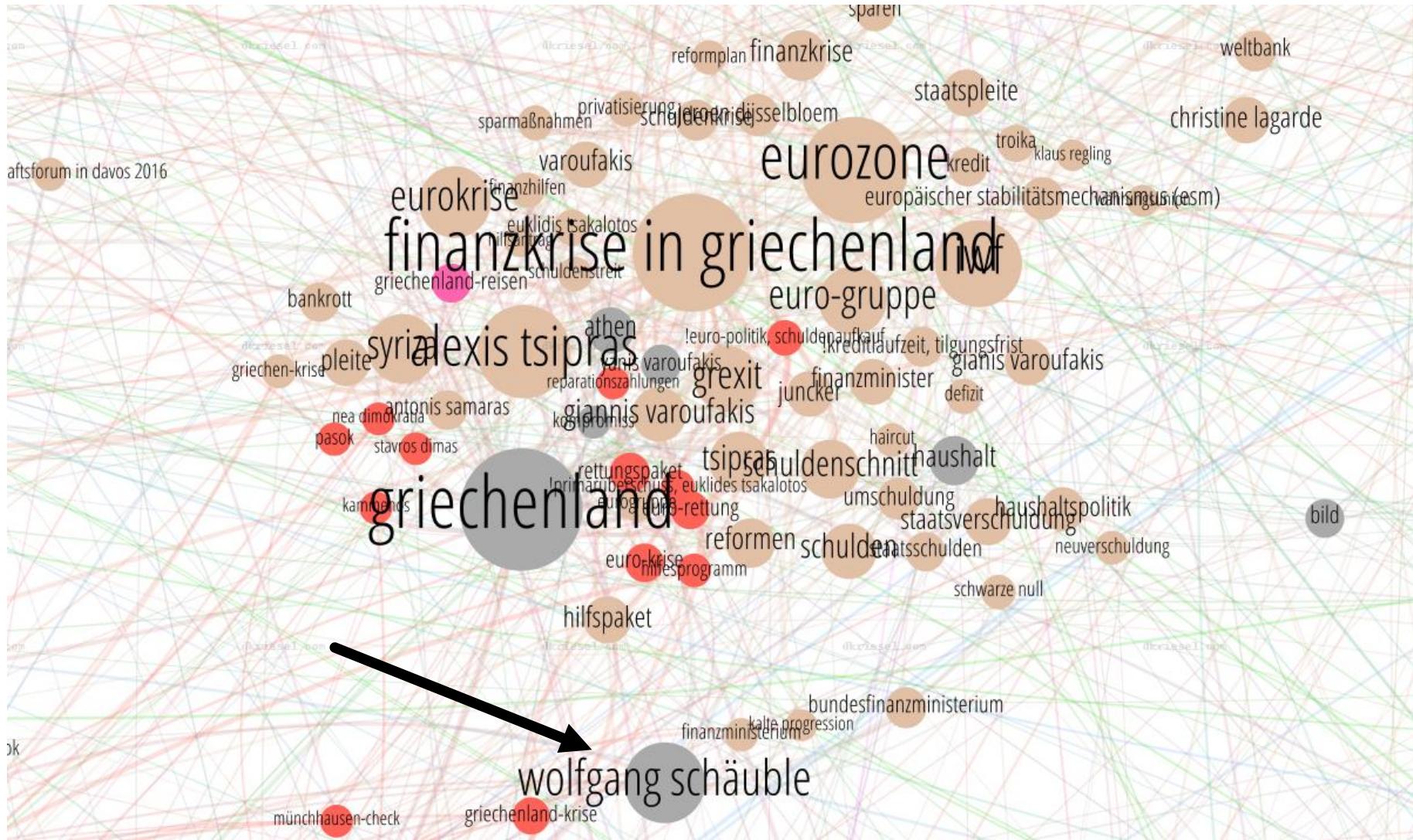
# Die VW-Abgas-Affäre



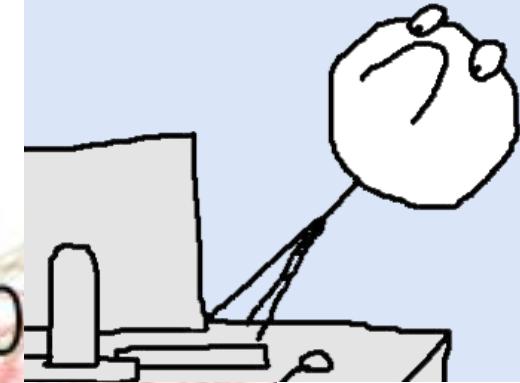
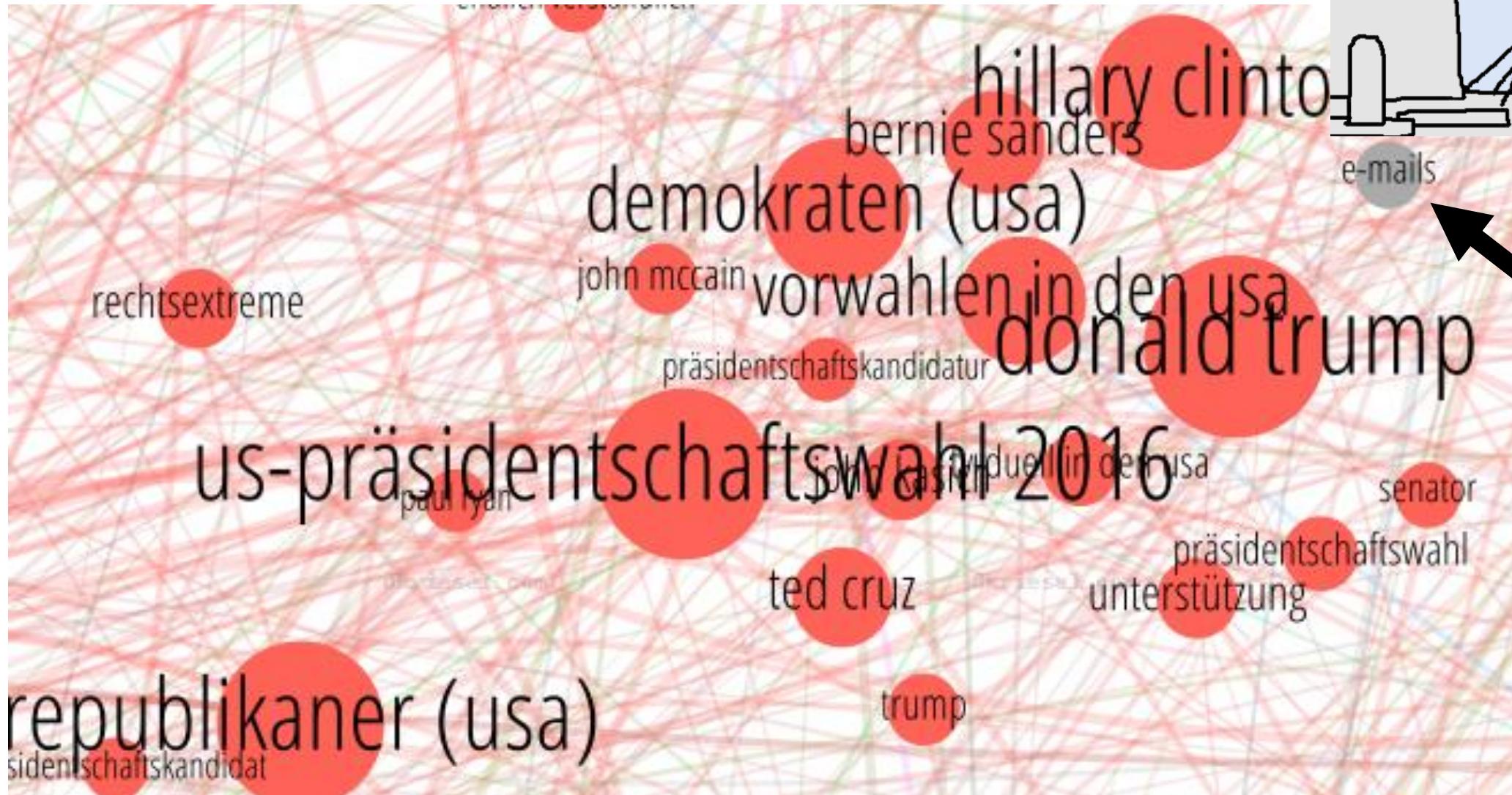
# Diverse Flugzeugunglücke

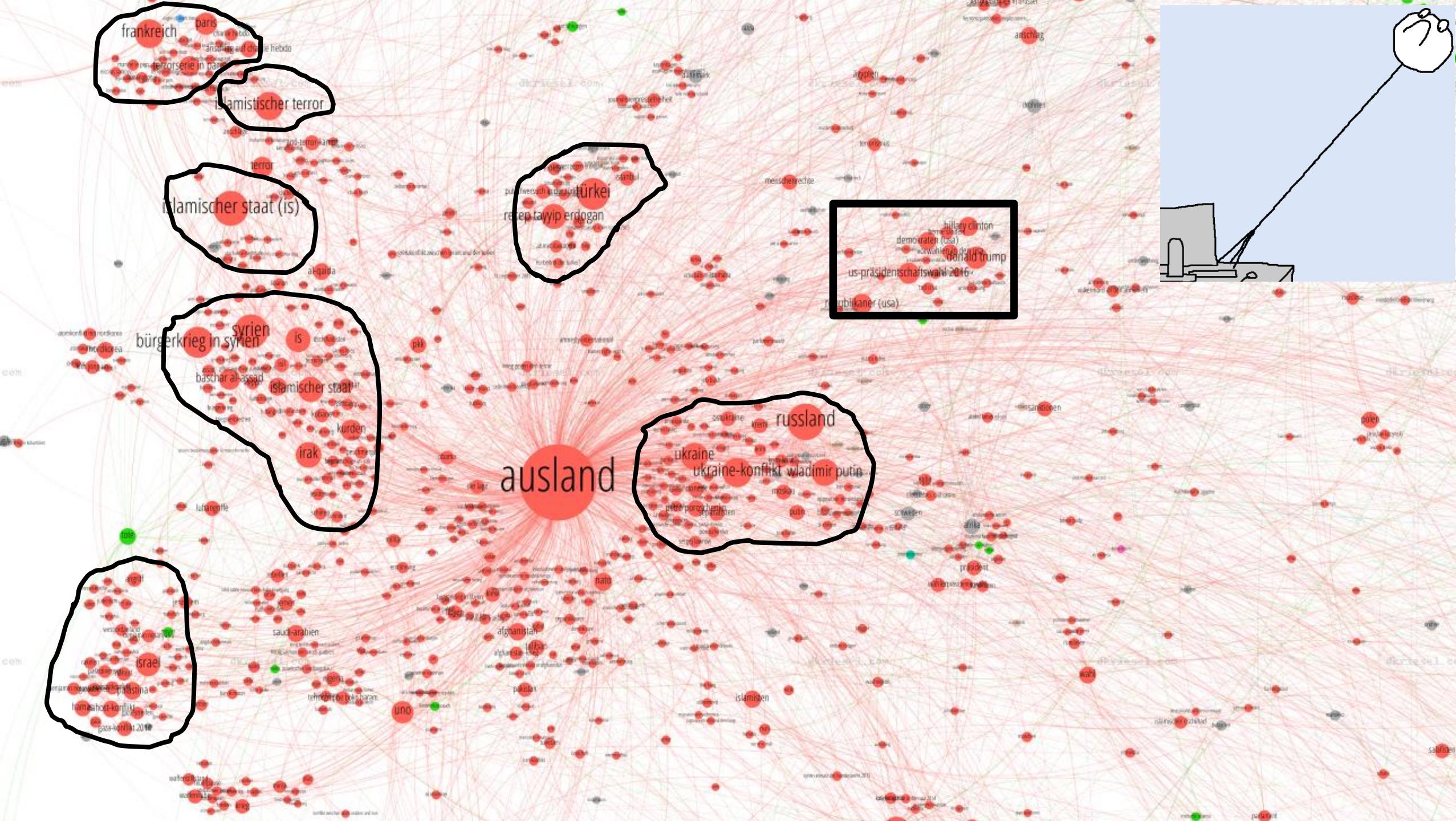


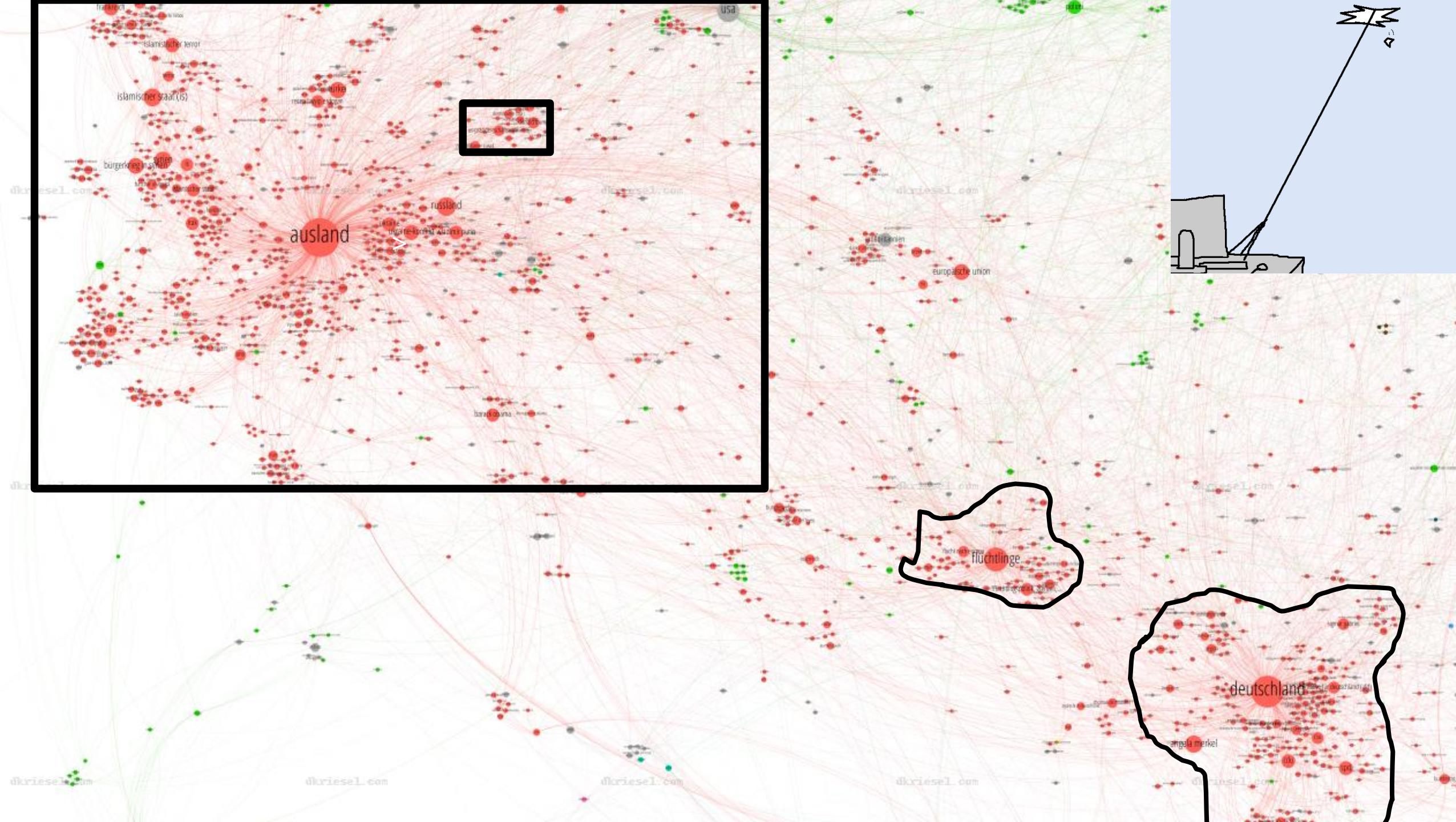
# Griechenlandkrise



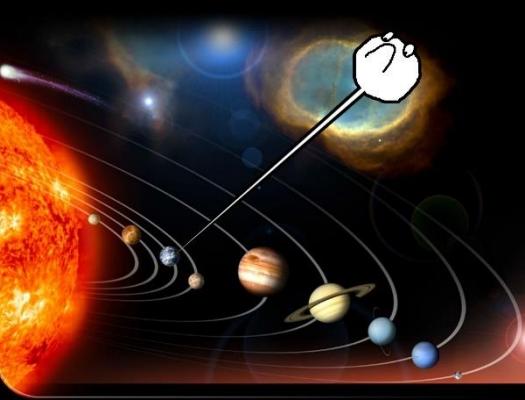
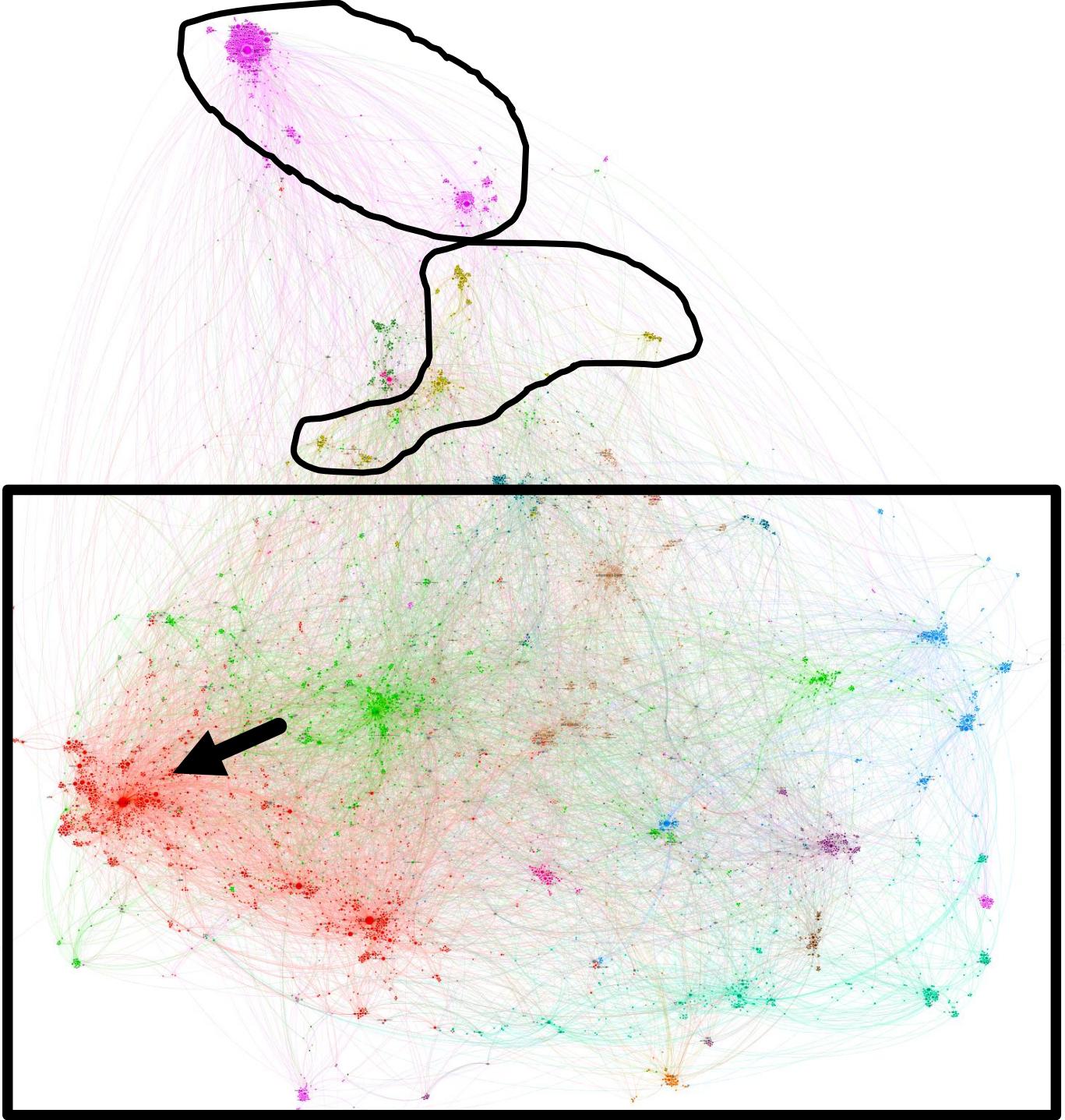
# US-Präsidentenwahl 2016











# „Diskutieren Sie über diesen Artikel“

The screenshot shows a web browser window with the URL [www.spiegel.de/sport/fussball/football-leaks-ron](http://www.spiegel.de/sport/fussball/football-leaks-ron). The page is titled "Forum > Diskutieren Sie über diesen Artikel". A large black arrow points from the text above to the "Diskutieren Sie über diesen Artikel" link. The page displays a single comment by "ArnoNyhm1984" and a partially visible comment by "bambara".

Football Leaks: Ronaldo ve... +

S SPIEGEL ONLINE DER SPIEGEL SPIEGEL TV Anmelden

Suchen

Forum >

Diskutieren Sie über diesen Artikel

Forum - Diskutieren Sie über diesen Artikel

insgesamt 4 Beiträge

Alle Kommentare öffnen Seite 1 von 1

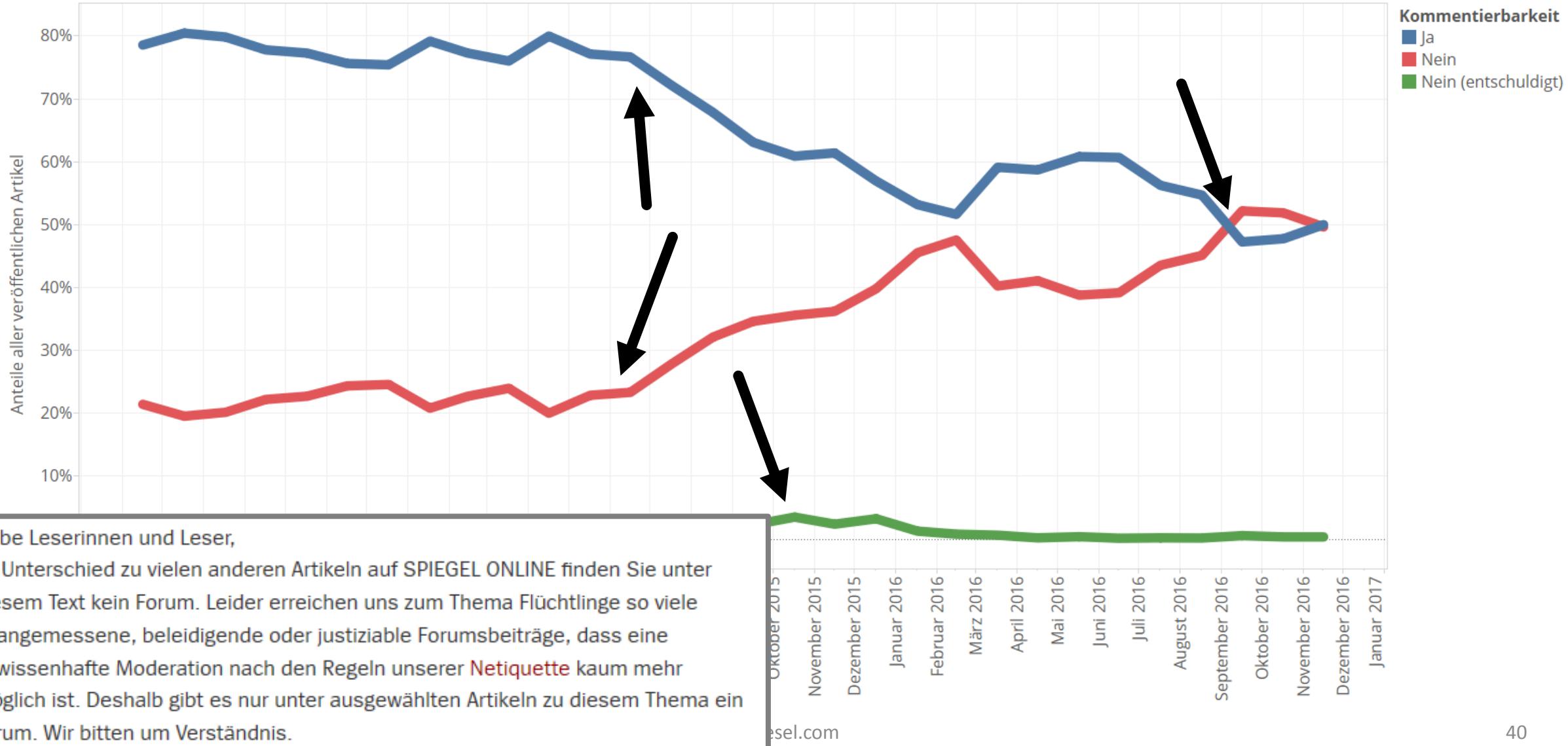
ArnoNyhm1984 heute, 19:53 Uhr

1. legal legitim ethisch

Ich habe weder in der Berichterstattung des jetzigen SPIEGELS noch der letztwöchigen Ausgabe zum selben Thema einen Hinweis gefunden, dass das, was Ronaldo, Özil & Co. da gemacht haben, ILLEGAL gewesen wäre. Es war [...]

bambara heute, 21:17 Uhr

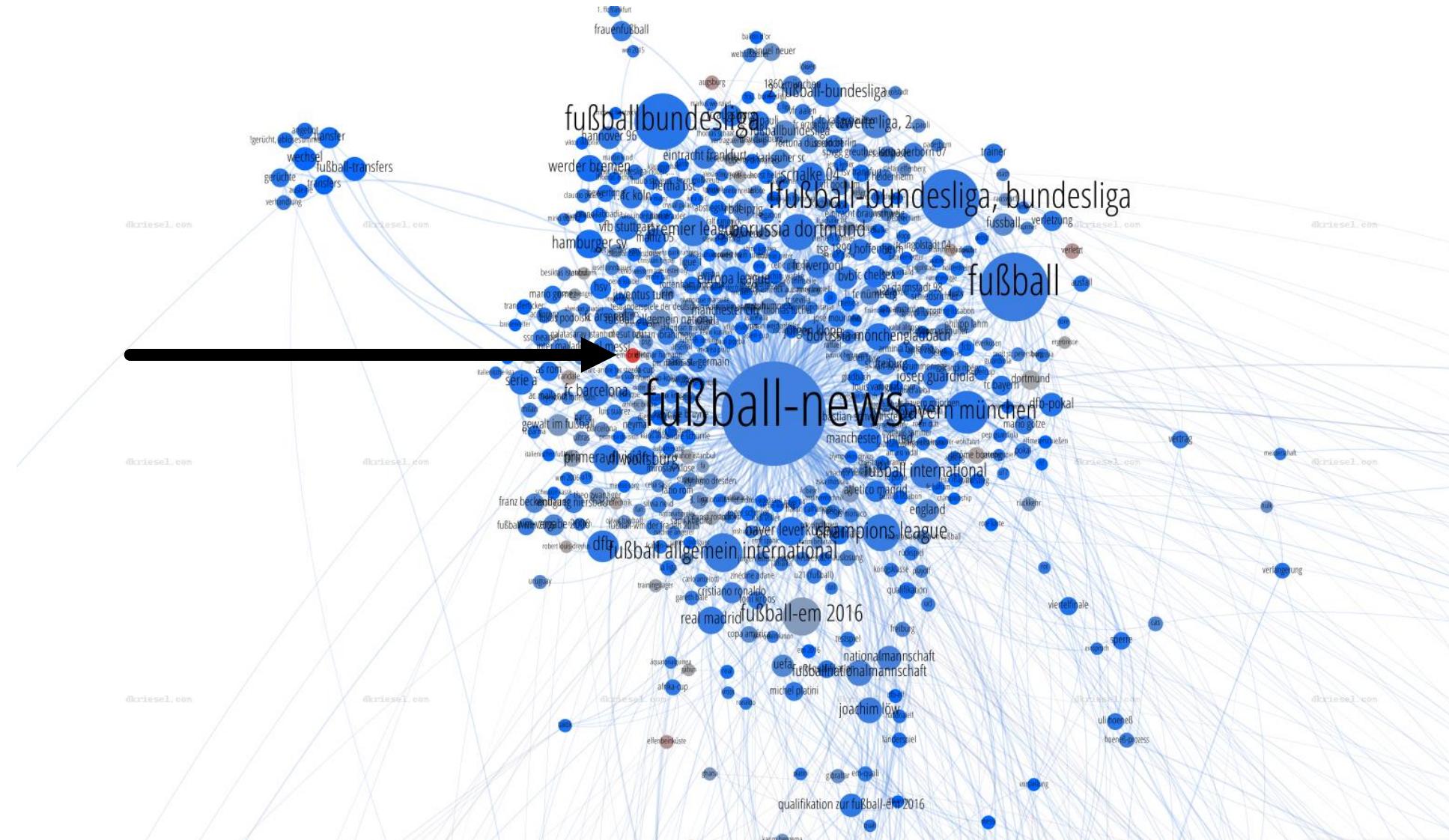
# Zeitliche Entwicklung der Kommentierbarkeit



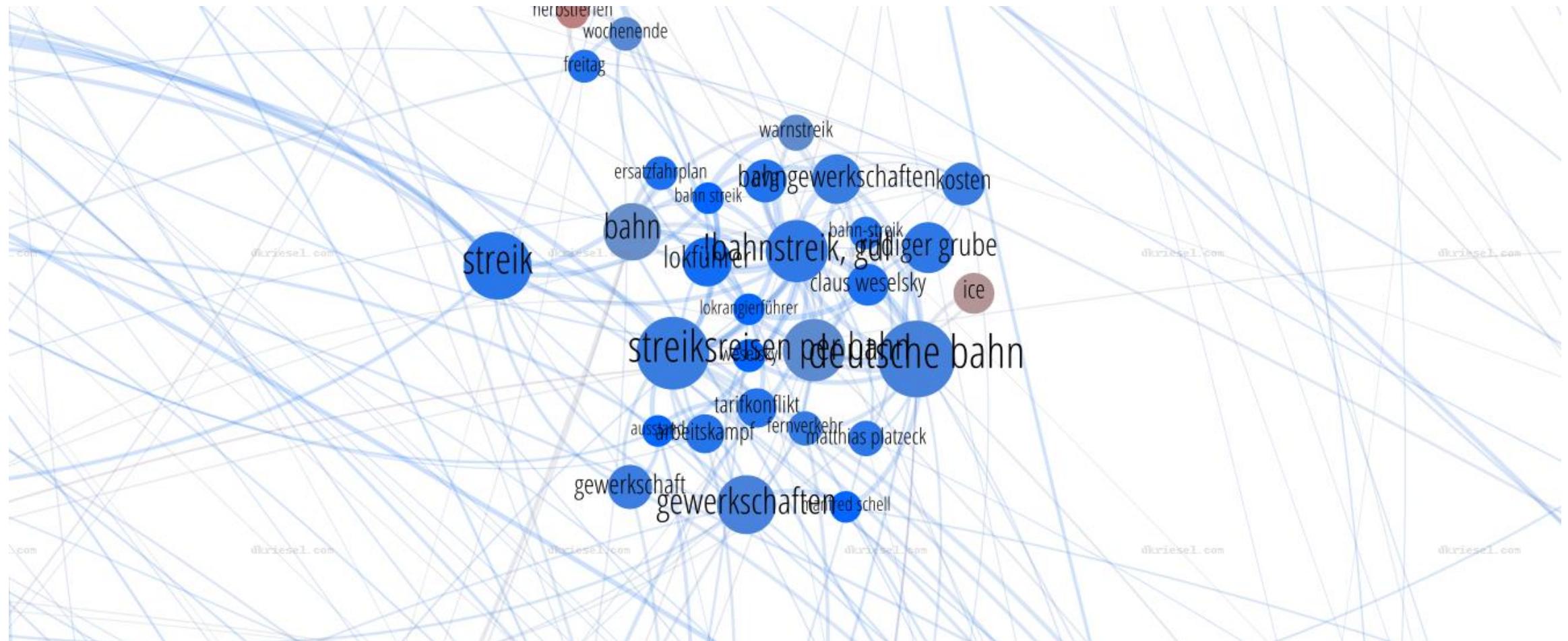
# Kommentierbarkeit nach Themen



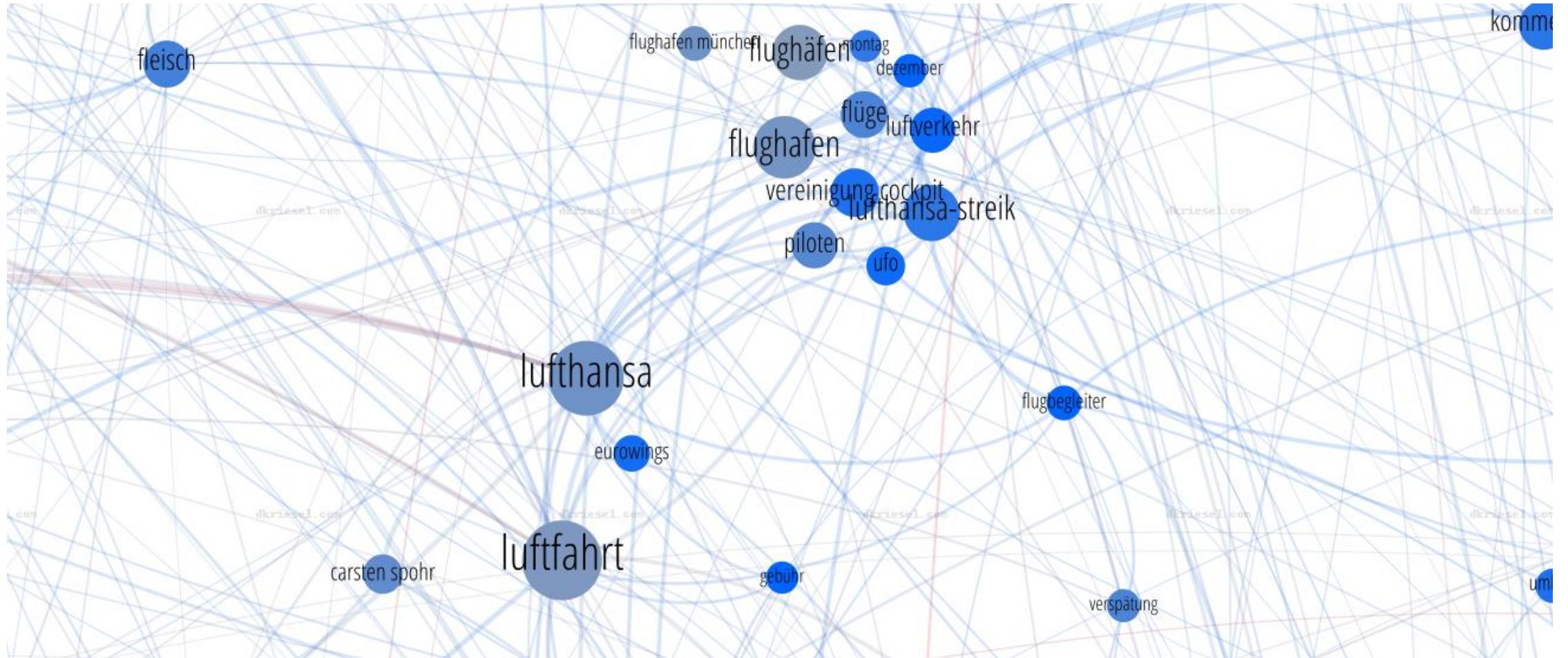
# Kommentierbarkeit nach Themen



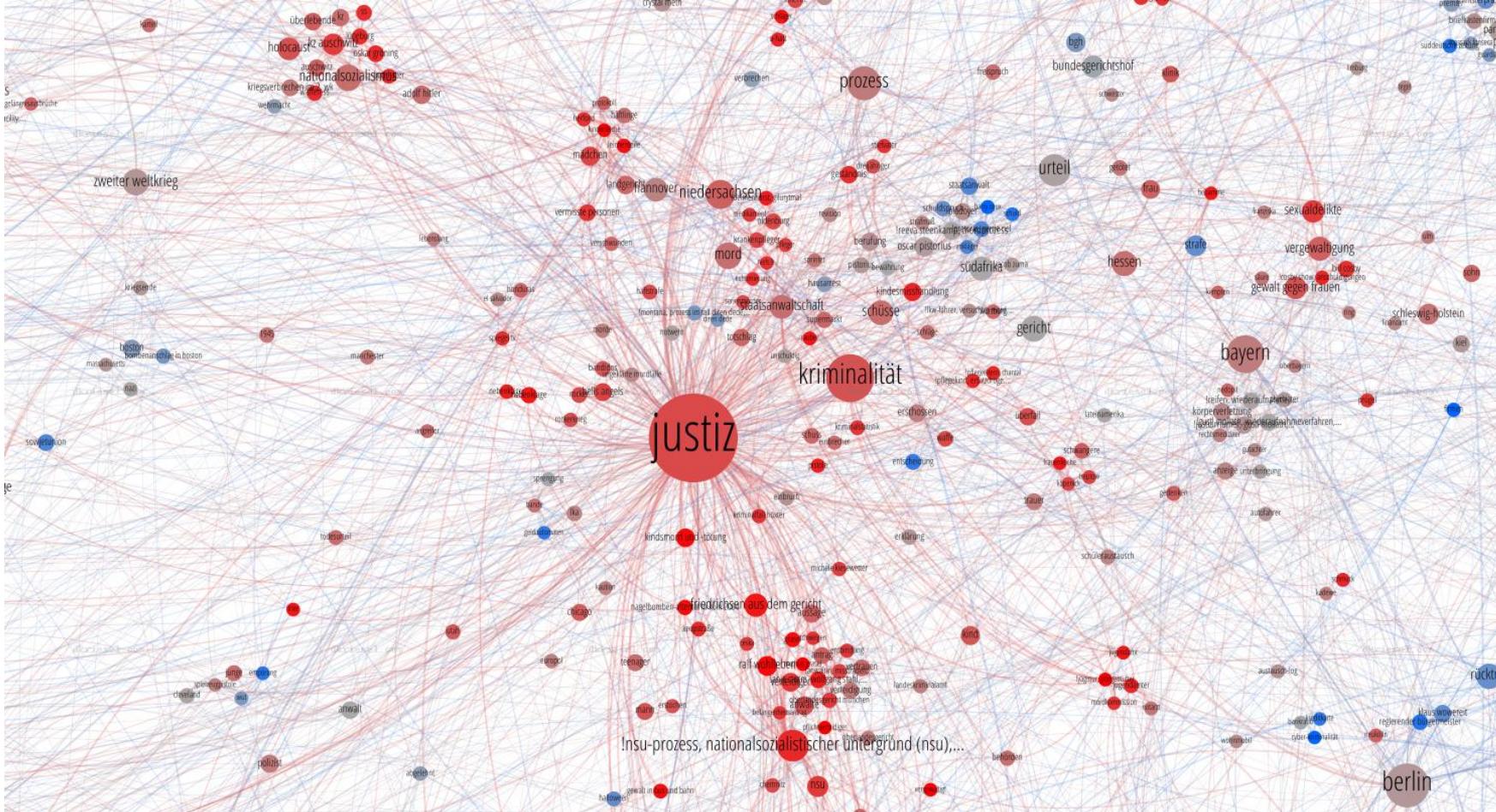
# Kommentierbarkeit nach Themen



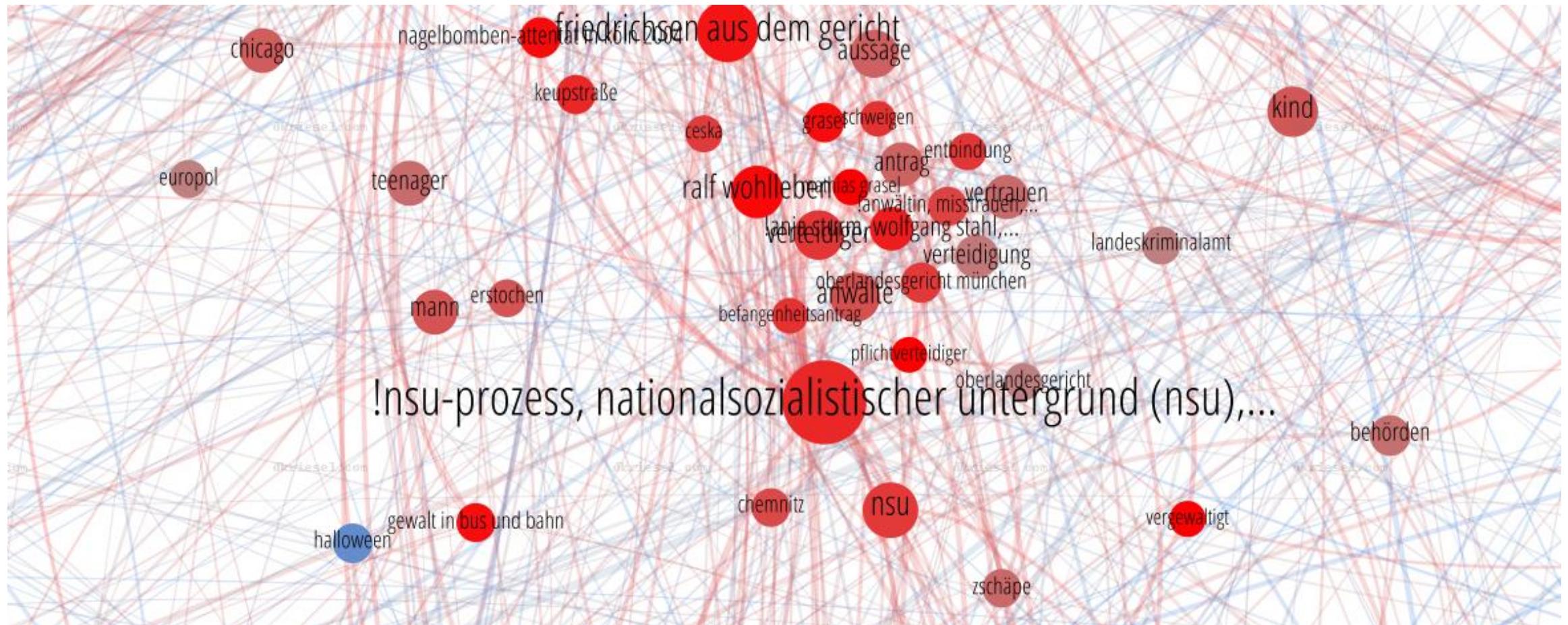
# Kommentierbarkeit nach Themen



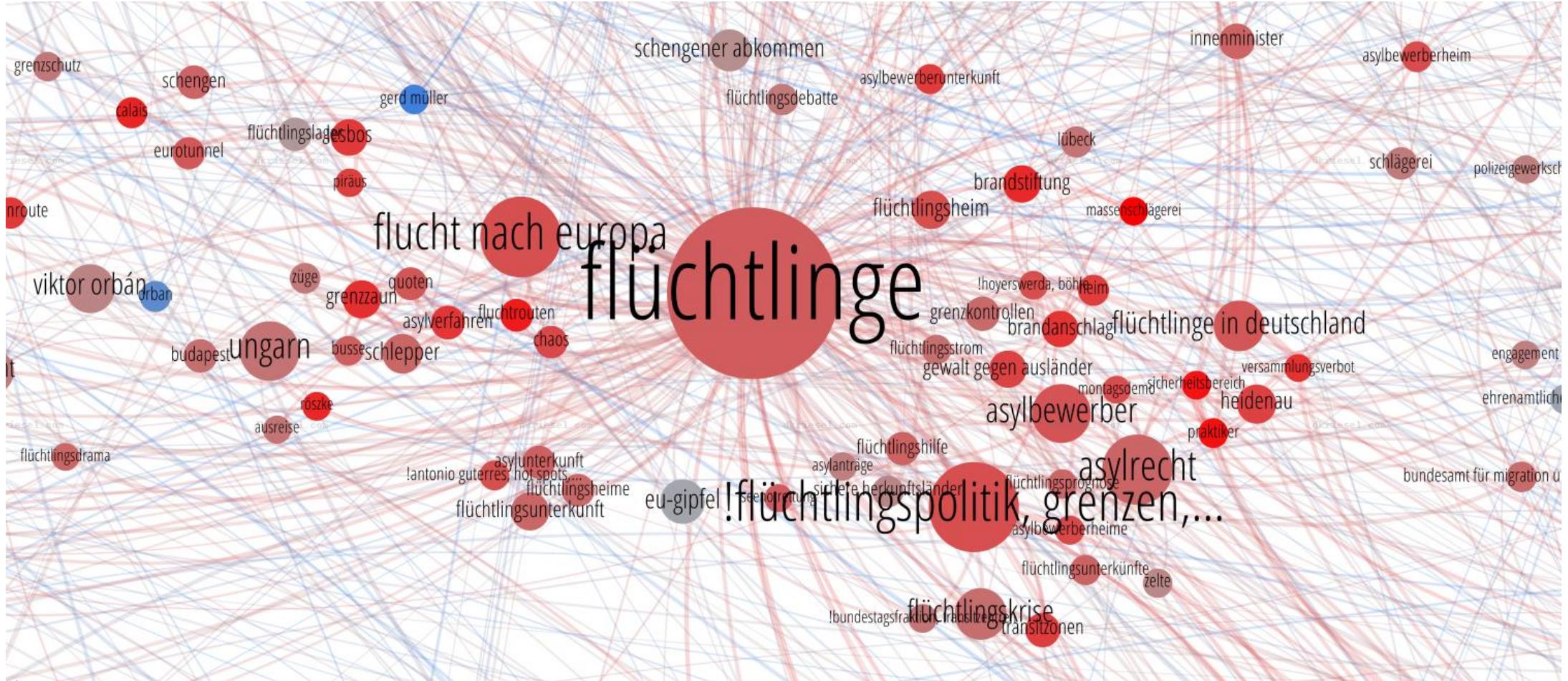
# Kommentierbarkeit nach Themen



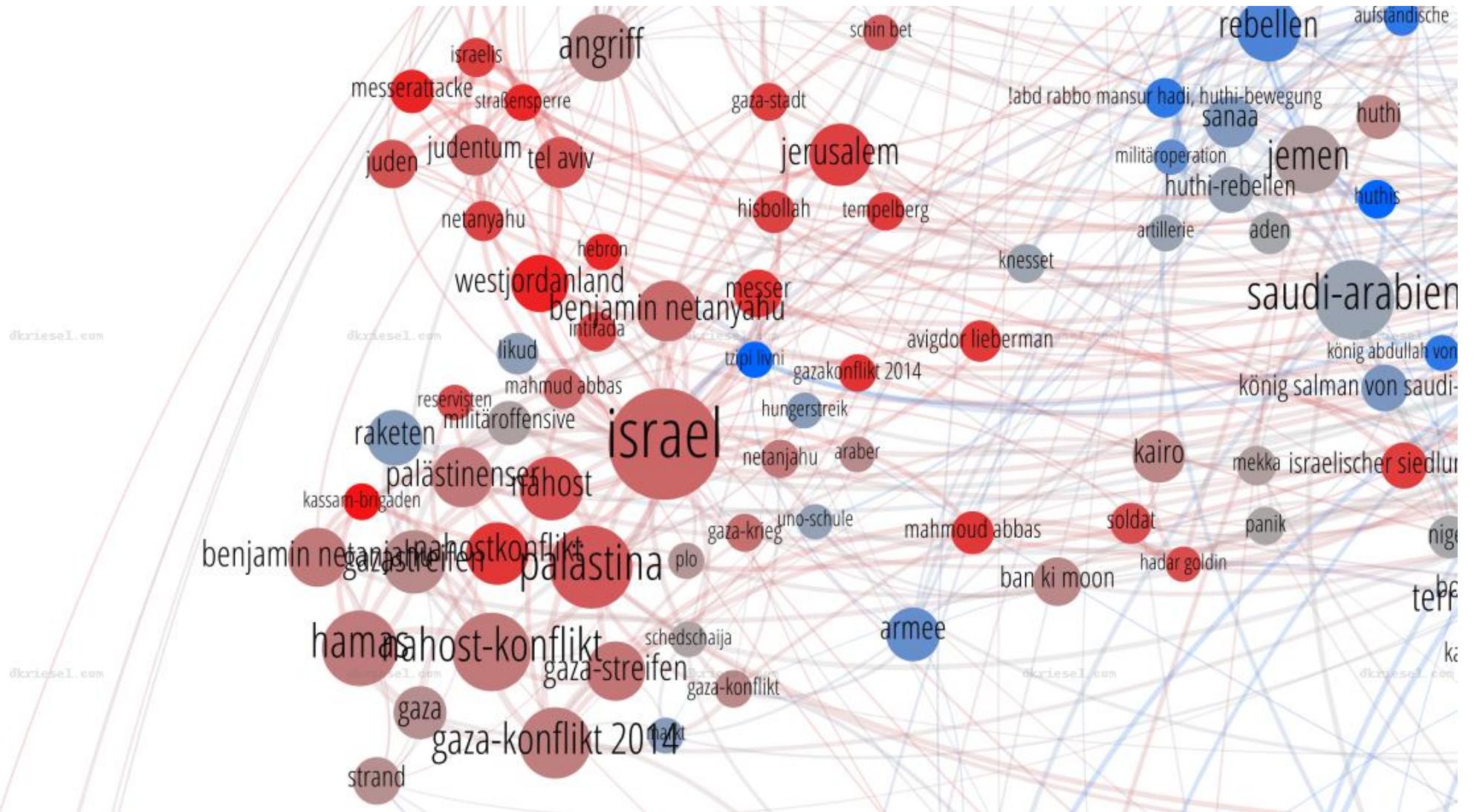
# Kommentierbarkeit nach Themen



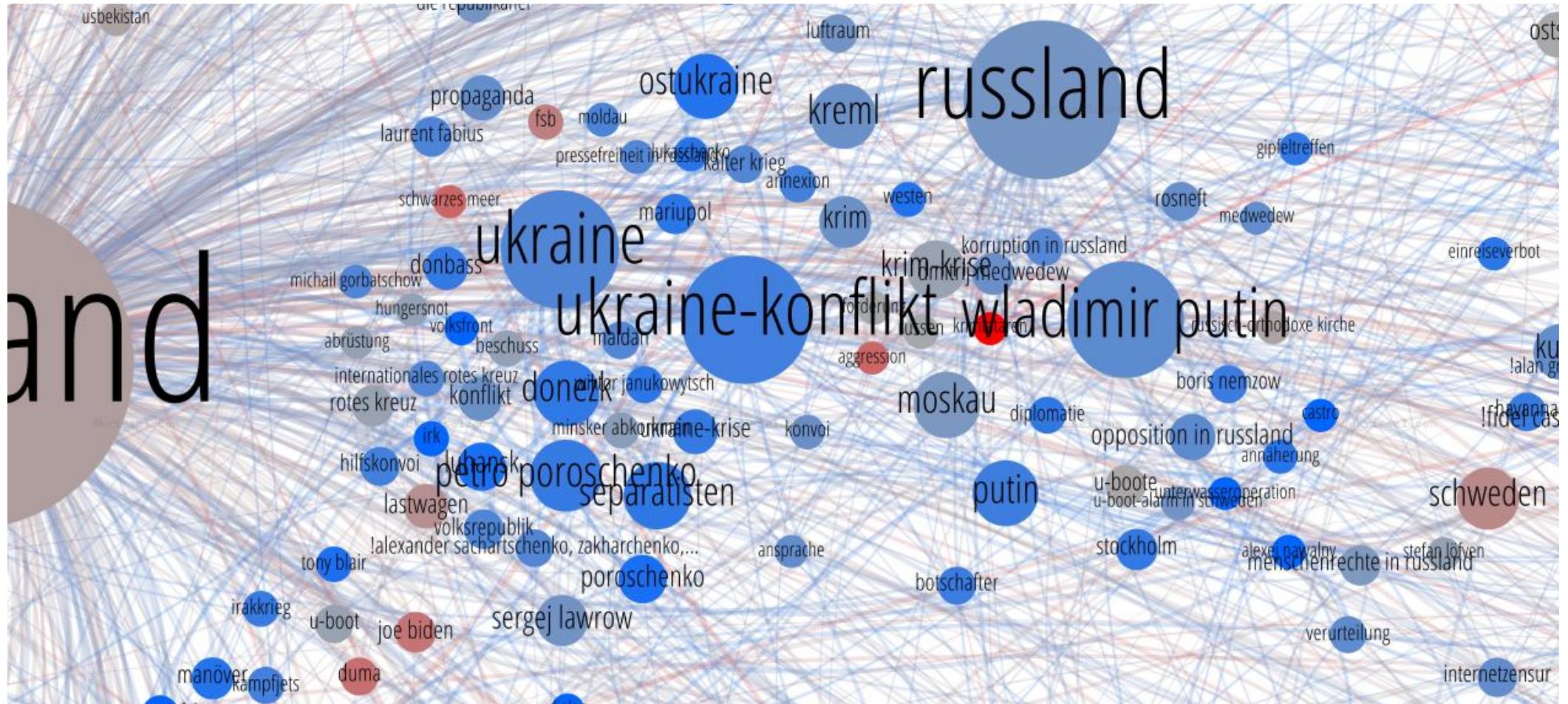
# Kommentierbarkeit nach Themen



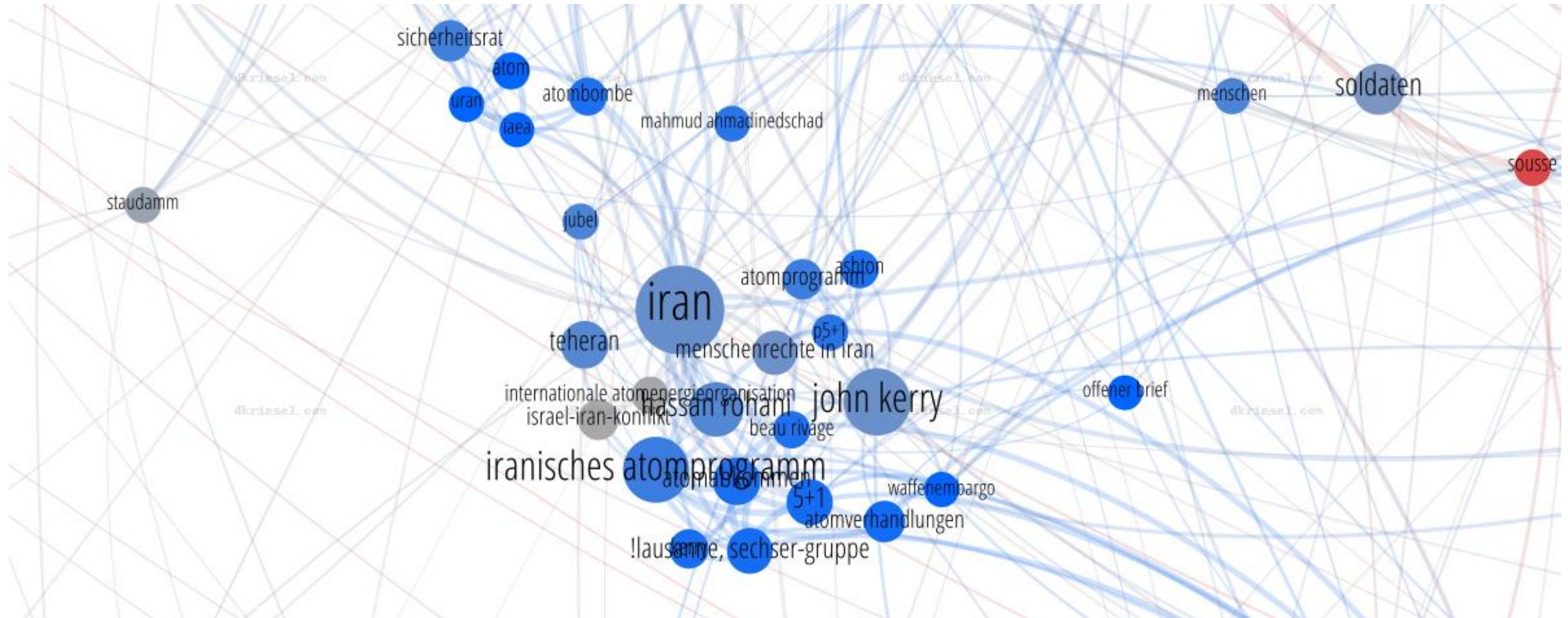
# Kommentierbarkeit nach Themen



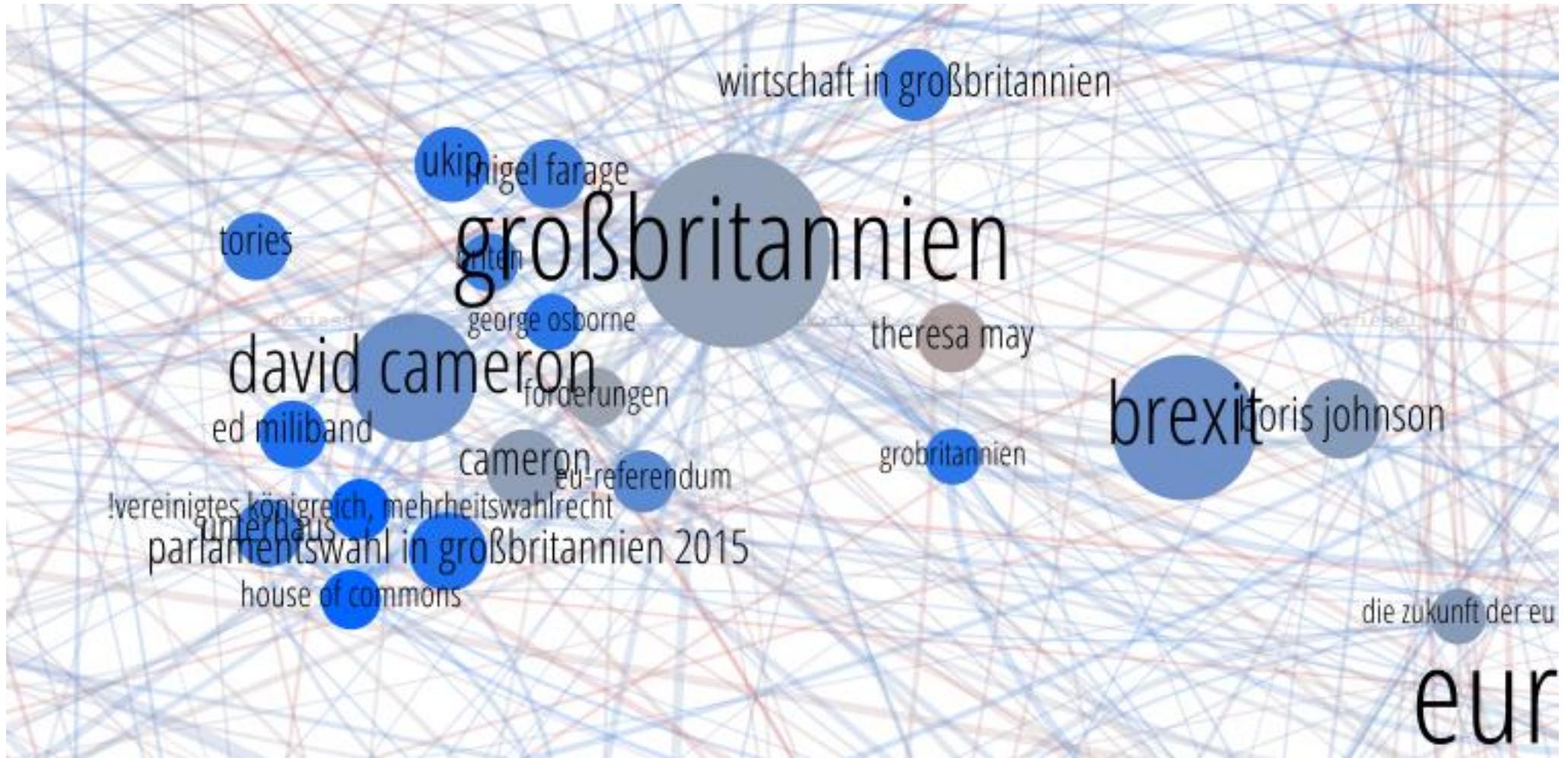
# Kommentierbarkeit nach Themen



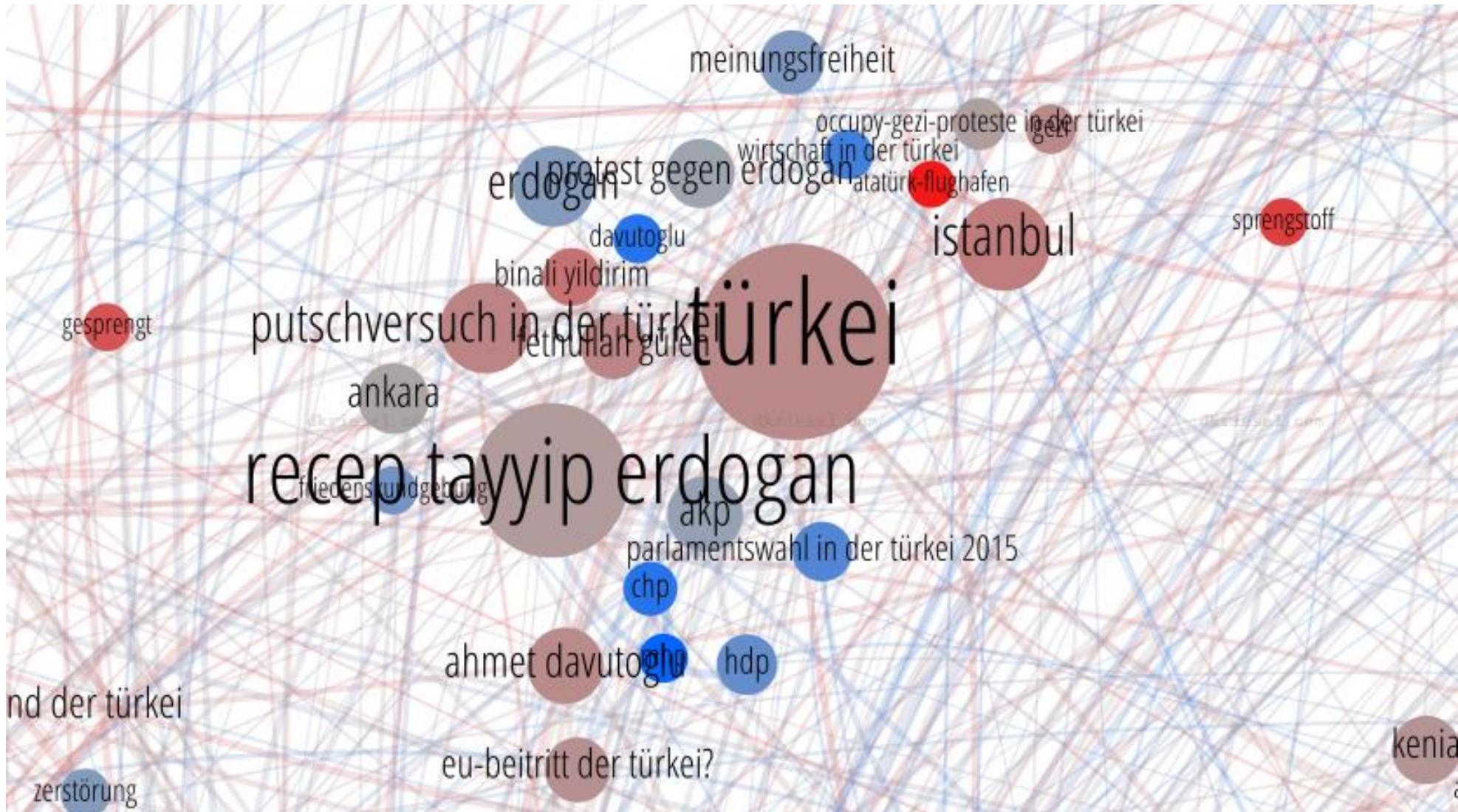
# Kommentierbarkeit nach Themen



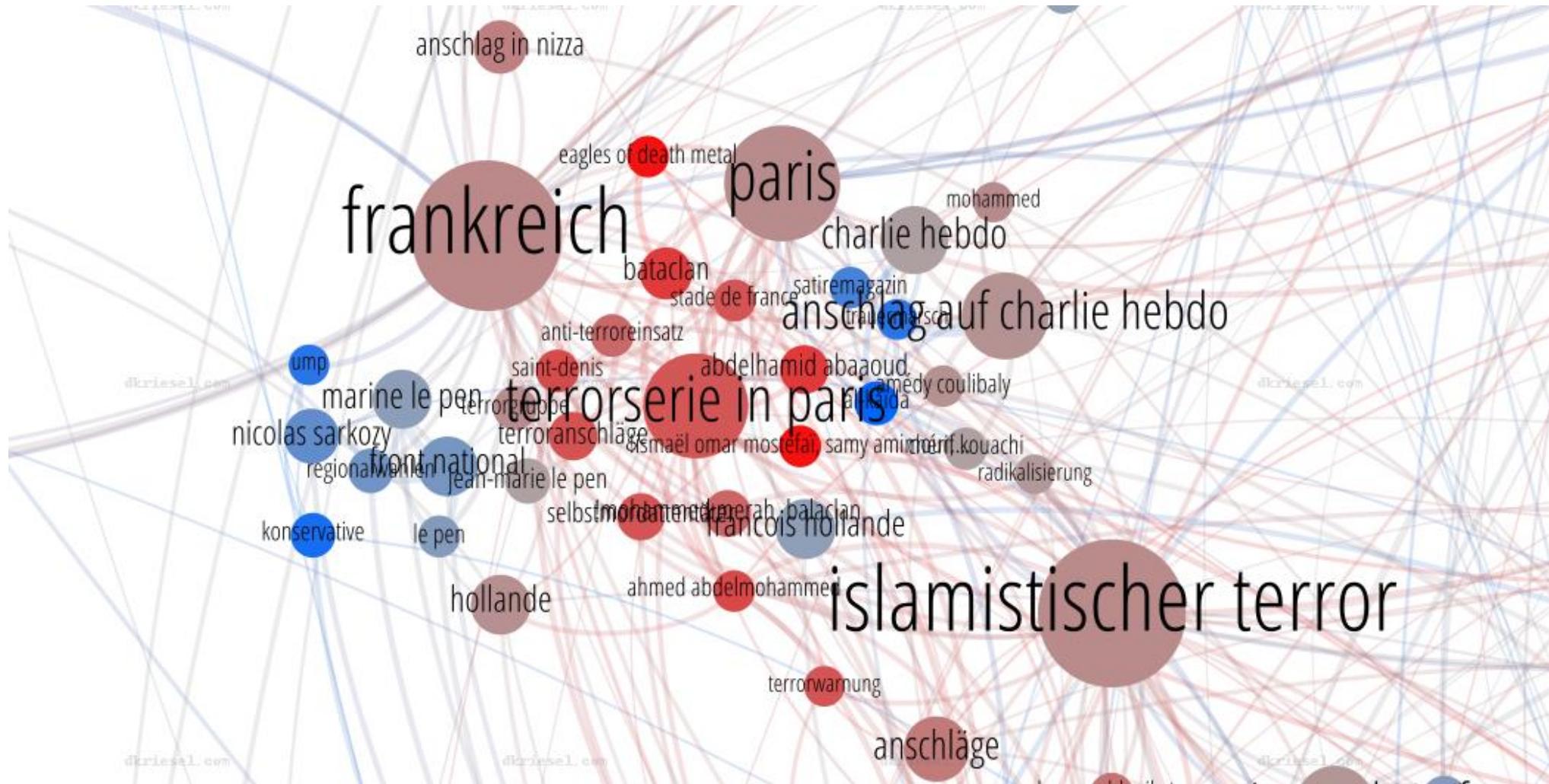
# Kommentierbarkeit nach Themen



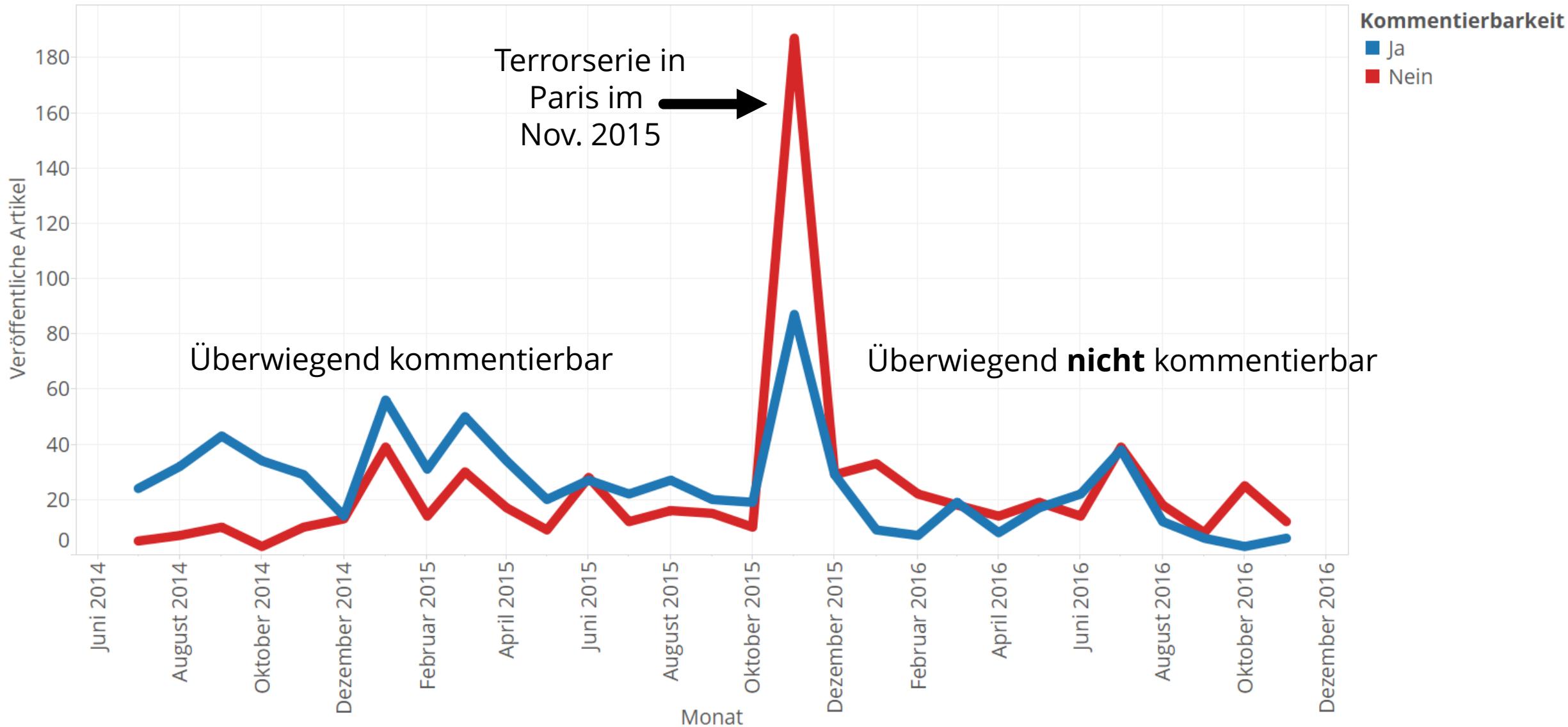
# Kommentierbarkeit nach Themen



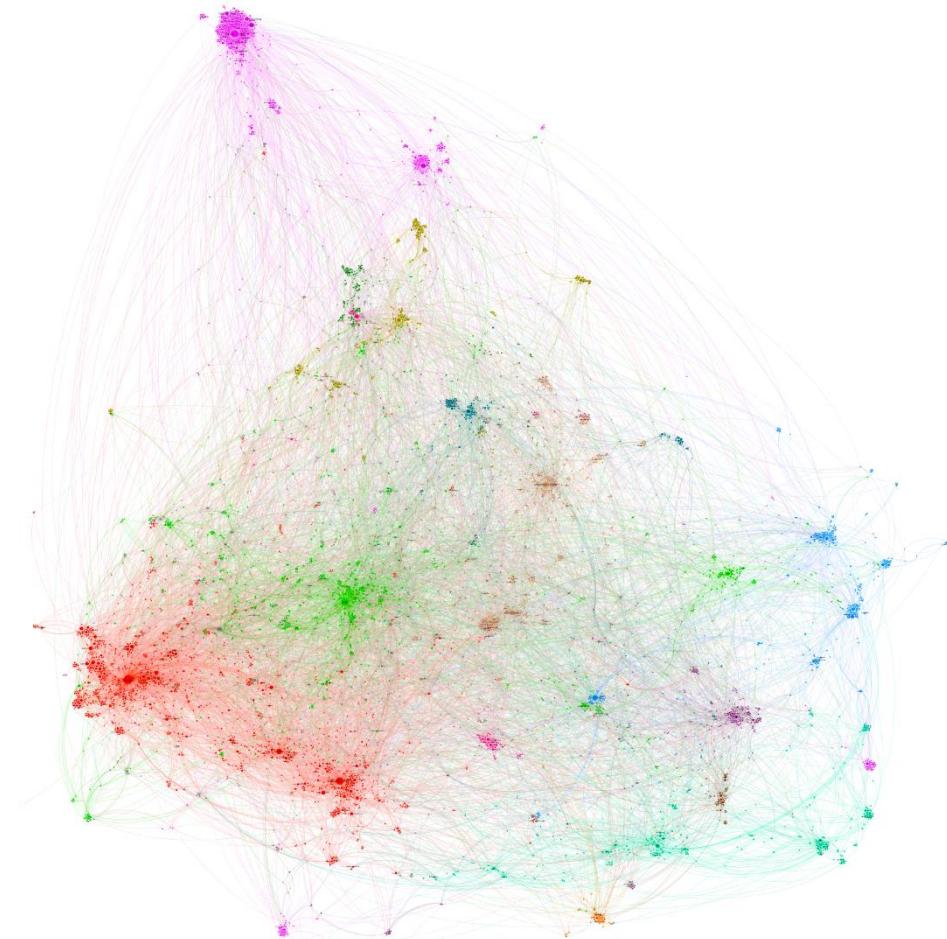
# Kommentierbarkeit nach Themen



# Kommentierbarkeit von Frankreich-Artikeln nach Zeit



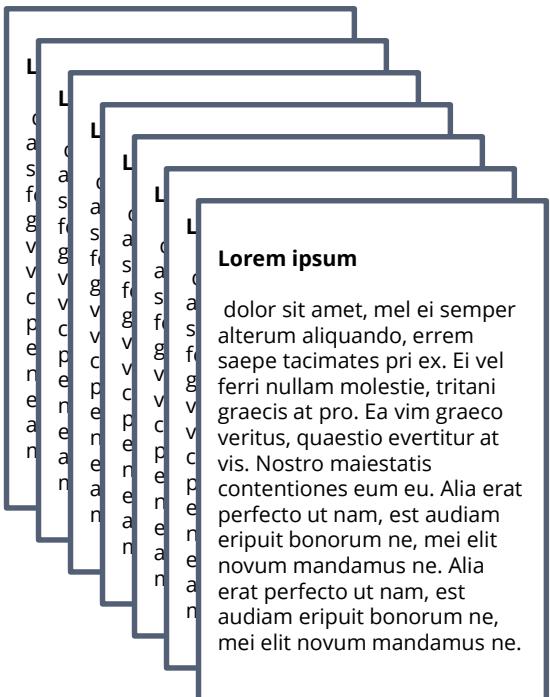
# Einfache und komplexe Datenunterteilungen



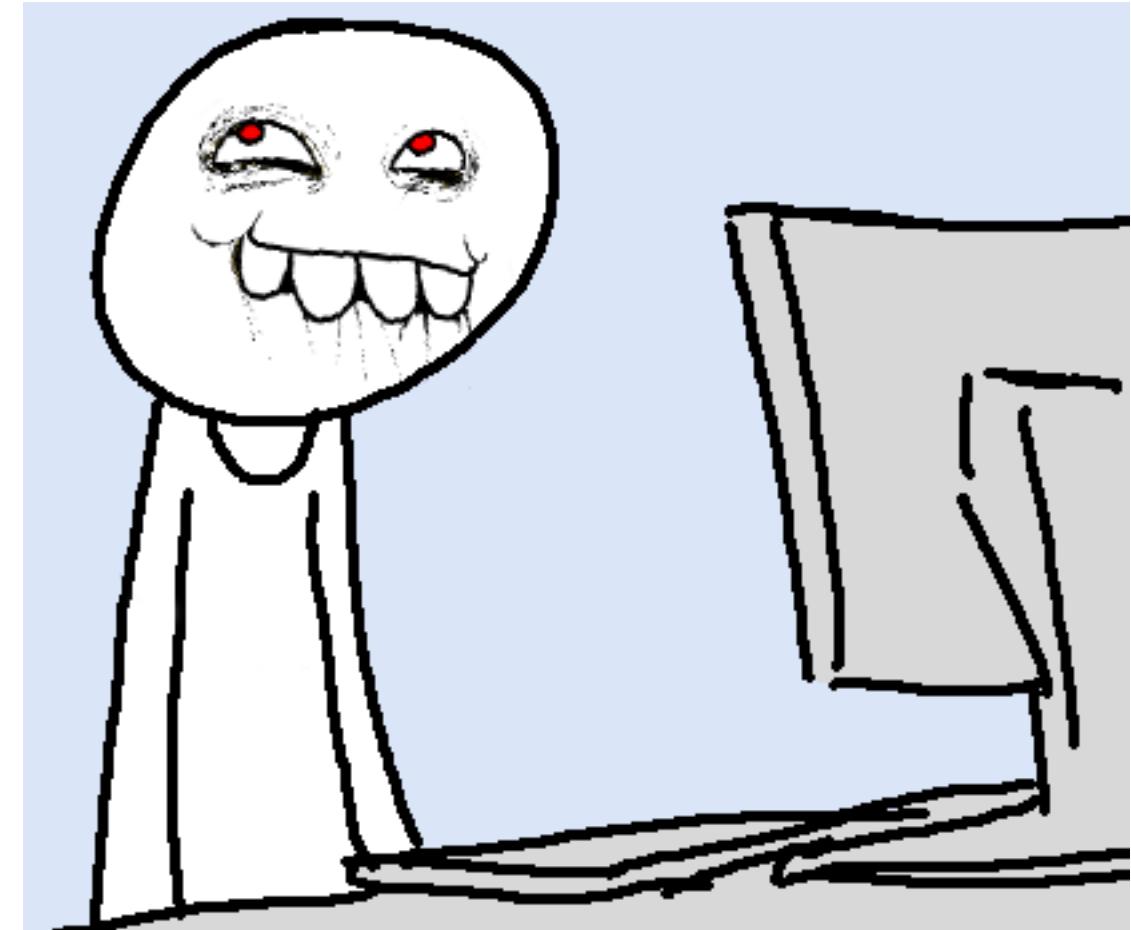
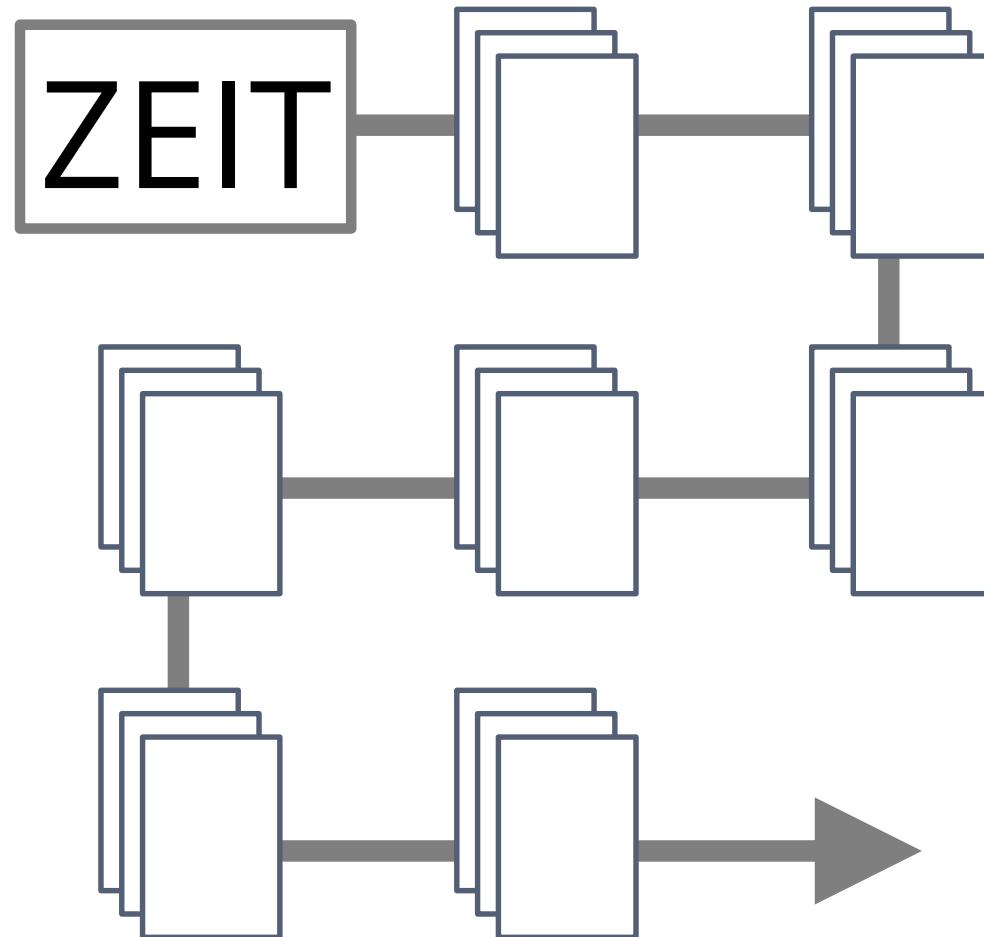
# Data Science im Wahlkampf



# Sagte ich: 100.000 Artikel?

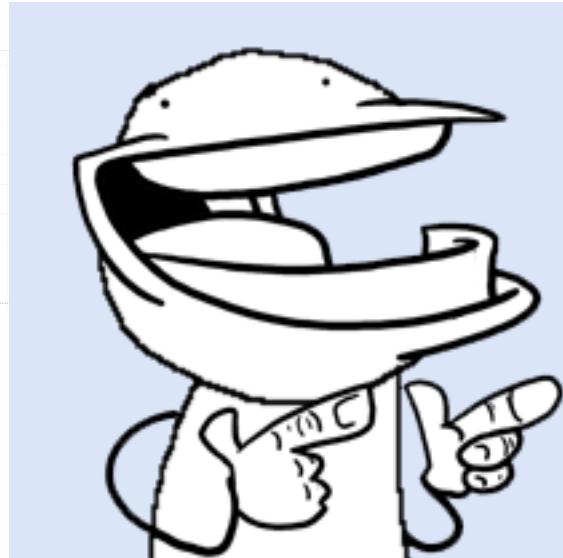
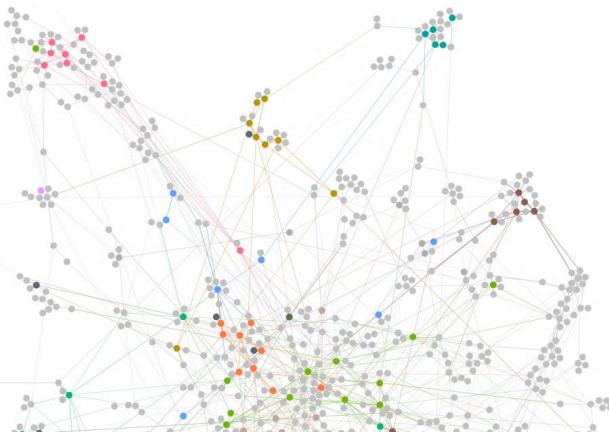


# Ich meinte 700.000.

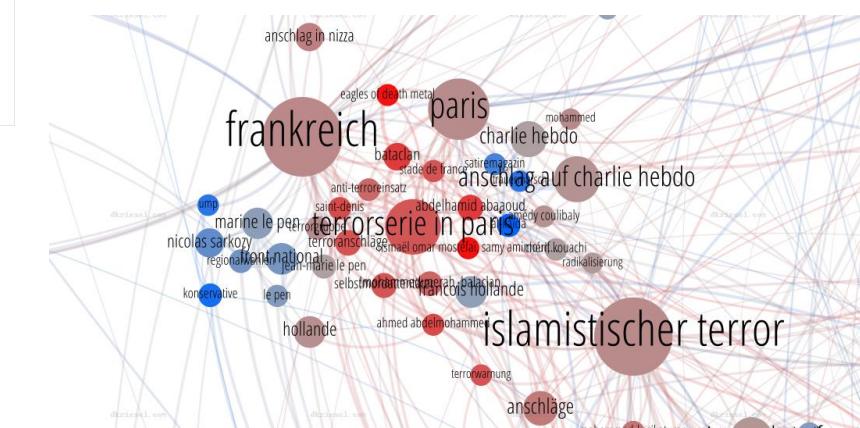
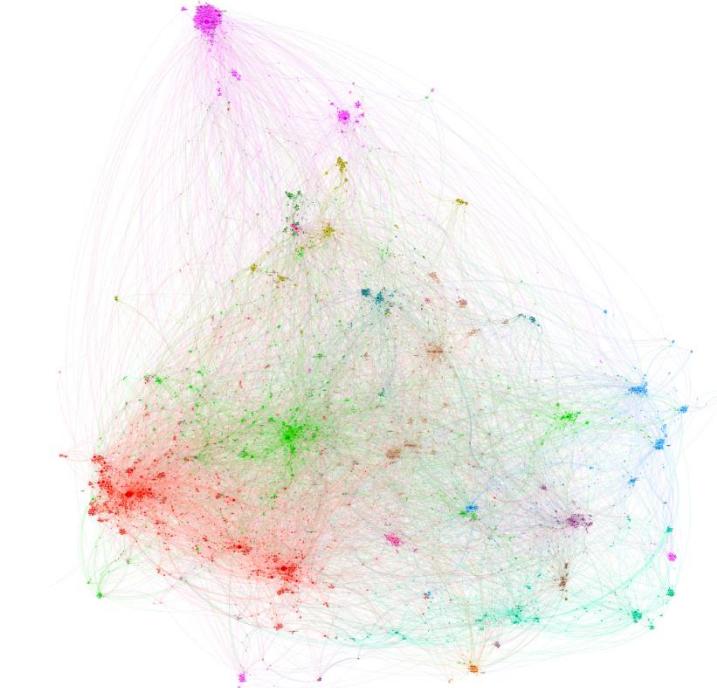


# Zeitliche Veränderungen in Artikeln sind meßbar





Rohdaten sind geil!



# **HERZLICHEN DANK!**

ALLE SPIEGELMINING-ARTIKEL AUF EINEN BLICK (BIS JETZT 5):

**[HTTP://WWW.DKRIESEL.COM/SPIEGELMINING](http://www.dkriesel.com/spiegelmining)**

WEITERE INFOS UND FOLIEN (SPÄTER):

**[HTTP://WWW.DKRIESEL.COM](http://www.dkriesel.com)**

KONTAKTAUFGNAHME:

**MAIL@DKRIESEL.COM**

Einer für die Stammgäste :-)

# HERZLICHEN DANK!

ALLE SPIEGELMINING-ARTIKEL AUF EINEN BLICK (BIS JETZT 5):

**[HTTP://WWW.DKRIESEL.COM/SPIEGELMINING](http://www.dkriesel.com/spiegelmining)**

WEITERE INFOS UND FOLIEN (SPÄTER):

**[HTTP://WWW.DKRIESEL.COM](http://www.dkriesel.com)**

KONTAKTAUFGNAHME:

**MAIL@DKRIESEL.COM**