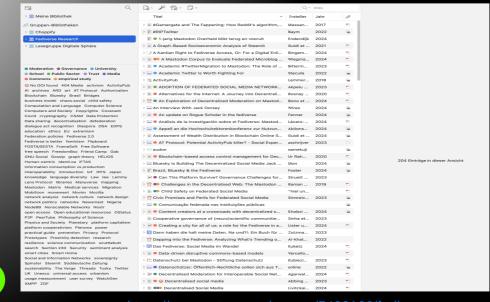


Zotero? Bibliographical tool that can be used collectively.

## Zotero Library "Fediverse Research"



https://www.zotero.org/groups/5490166/fediverse\_research/

focussing on academic research papers, incl. software and occasional journalistic items, e.g. on the Gab invasion, interviews with key actors, opeds.

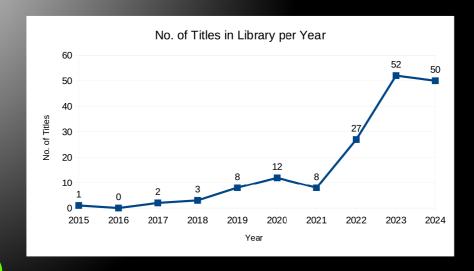
On the Fediverse in the widest sense, **3** x decentralised: federated, P2P, blockchain. But not including research on platform capitalism etc. to which it is an alternative.

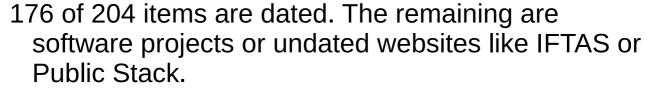
Not exhaustive but with currently more than 200 items, a good overview.

The corpus can be sorted by various columns in the middle and by tags in the left column. You can import tags from the source and from keywords, which might be folksonomies or disciplinary tags from various national standards. Decided to do my own, makes sense mostly is arbitrary at the edges, hard to main collectively. Automatable methods would be preferred.

You can attach a colour to a tag which 1makes it stand out. **10 members** in group = active contributors.

### Number of Titles in FediLibrary per year





Research takes off since only 2 years with more than 50 papers per year.

## Disciplines

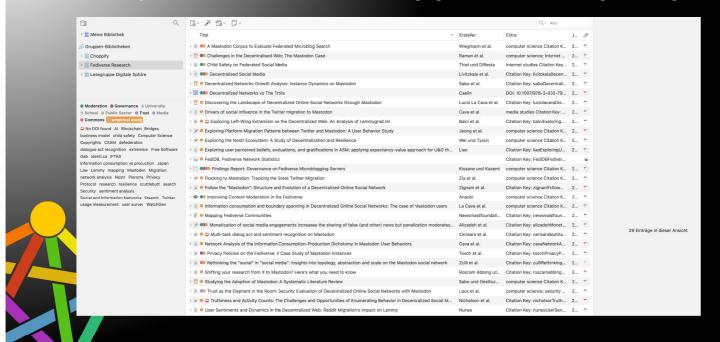
Computer Science	
media studies	
Law	
Internet studies	
communication studies	
data protection	
accounting, economic activism, art, busing governance, din health, political science	
journal	



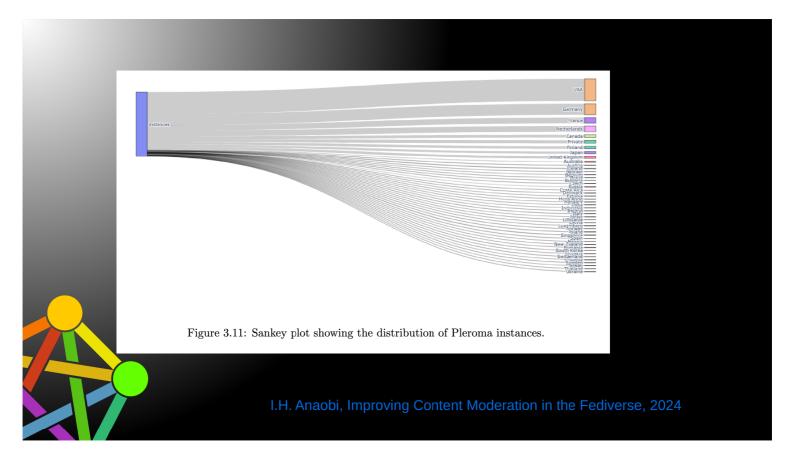
not easy to identify from journal title or author's institute or the chaos of tags on items.

Computer science (physics, mathematics) are clearly dominant. media and Internet studies are quite active, so is law and data protection.

# Empirical Studies (quanti & quali)



29/203 = 14% are empirical studies, mostly data but also interviews.
makes for pretty illustrations:



Number of Pleroma instances in different countries (US, DE, FR, NL, CA)

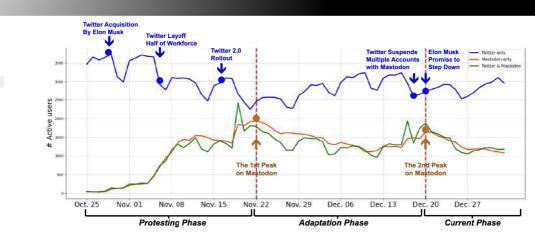
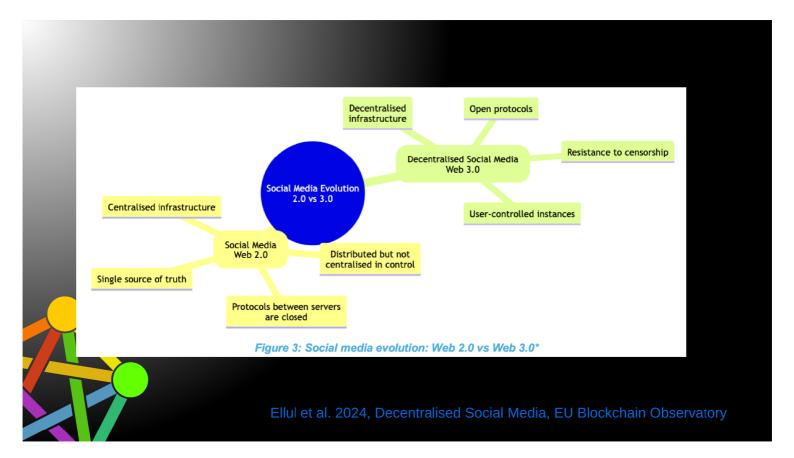


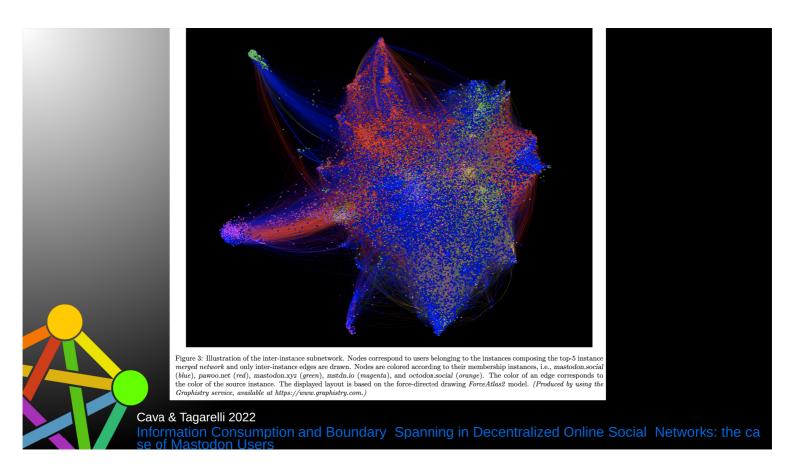
Figure 5: Trends in daily active users tagged with major events. Twitter-only (blue) and Mastodon-only (orange) lines indicate the number of users active exclusively on one platform, while Twitter & Mastodon (green) represents users active on both platforms. The x-axis denotes a particular date  $t_j$ , when we assess whether a user was active within the past one day. Red dashed lines highlight the key moments, where the temporal shifts overlap among the three trends (blue, orange, and green)

Jeong et al., Exploring Platform Migration Patterns between Twitter and M astodon: A User Behavior Study, 2024

the events at Twitter and Mastodon during those tumultuous 3 months at the end of 2022.



conceptual ideas, e.g. the shift from Web 2.0 to 3.0



and outright psychedelic stuff; decoration for party space. Actually, the inter-instance connections on the top-5 Mastodon instances.

## Thematic Clusters

- Moderation
- Governance
- Trust
- Commons



#### Moderation A Gruppen-Bibliotheken > 🕆 An Exploration of Decentralized Moderation on Mastode Thiel und DiResta Internet studies Citati... 2023 î Choppify > 🖹 • Child Safety on Federated Social Media > firediverse Research > 📔 • Decentralised Moderation for Interoperable Social Networks: A Conversation-based Approach for Pleroma and the Fediv... Agarwal et al. computer science Cita... 2024 il Lesegruppe Digitale Sphäre > II ODD Decentralized Networks vs The Trolls journalistic 2021 a > ☐ ● Decentralized social media platform Mastodon deals with an influx of Gab users (2019) > F • Everyone Everywhere All at Once: The Fediverse Problem Mahadeva 2024 O Moderation ● Governance ● University ● School ● Public Sector ● Trust ● Media Hassan et al. computer science 2021 🖺 > \* Exploring content moderation in the decentralised web: the pleroma case Commons empirical study > 🖫 👀 Findings Report: Governance on Fediverse Microblogging Servers Kissane und Kazemi computer science Cita... 2024 business model chaos.social child safety business model Chaos.social child safety Computation and Language Computer Science Computers and Society Copyrights CSAM decentralisation defederation DSA EU Federation policies FOSTA/SESTA Free Software Gale Identica IFTAS Japan Law Mastodon Matrix PeerTube Pieroma practical guide Privacy realitienes cuttlebutt Section 230 Steemit sustainability WatchGen ZDF ■ IFTAS non-profit: Independent Federated Trust and Safety (everything Moderation) - Social Experience Design / Social W... aschrijver CSO 2023 > → Improving Content Moderation in the Fediverse Anaobi computer science Cita... 2024 > 📝 🍑 Monetization of social media engagements increases the sharing of false (and other) news but penalization moderates it — Alizadeh et al. > 🚍 🖜 Neues aus dem Fernsehrat (86): Stimmen aus dem Fediverse Dobusch journalistic 2022 🥫 Rödiger et al. health sciences; micro... 2024 > 🚏 Open-Source Software, Fediverse and Custom ROMs as Tools for a Sustainable Internet > 🖹 🜒 Platform Governance Langvardt 2023 > n Safer spaces by design? Federated architectures and alternative socio-technical models for content moderation Ermoshina und Mu... Internet studies 2022 > ▶ • The Effects of Group Sanctions on Participation and Toxicity: Quasi-experimental Evidence from the Feciverse Anaobi et al. computer science 2023 > † ● Will Admins Cope? Decentralized Moderation in the Fediverse

IFTAS Federated Trust and Safety, CSO based in N.Y. Moderator Community & Moderation-as-a-Service. Emelia should have told us about it.

#### **Moderation & Governance**

#### Findings Report: Governance on Fediverse Microblogging Servers

Erin Kissane and <u>Darius Kazemi</u> with the support of the <u>Digital Infrastructure Insights Fund</u> Correspondence: <u>fediversalistpapers@gmail.com</u>

August 20, 2024

[PDF version / web version]

[Quick-Start Guide to Fediverse Governance Decisions] [Fediverse Governance Opportunities for Funders & Developers]

#### **Project Introduction**

We proposed this project in the fall of 2023 based on our shared sense that the Fediverse's history of resilience and expansion positions it as one of our best chances to allow more people to **maintain** strong social connections online while escaping the behavioral manipulation, pervasive surveillance, and capricious governance that characterizes large-scale centralized social platforms.

**Initial research question:** "What are the most effective governance and administration models/structures in place on <u>medium-to-large sized Fediverse servers</u>, and what infrastructural gaps (human and digital) persist?"

**Our rationale at the project's outset:** "The Fediverse's rapid expansion brings both opportunities and multifaceted risks. Our research seeks to identify current server administrators' most promising models for mitigating those risks and outline the biggest and most important gaps in risk mitigation, with the aim of helping the broader Fediverse level up governance quickly, safely, and collaboratively."

Kissane & Kazemi, Findings Report: Governance on Fediverse Microblogging Servers, 2024

I found particularly useful for scholars and practitioners alike.

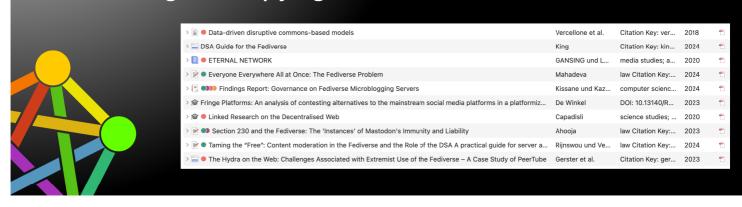


#### Commons A Gruppen-Bibliotheken > 🖹 ••• A Mastodon Corpus to Evaluate Federated Microblog Search Rosnay und Mus... law; Internet stu... 2020 > a Alternatives for the Internet: A Journey into Decentralised Ne ☐ Choppify > 🟦 Fediverse Research > 🚍 🖷 Análisis de la investigación sobre el Fediverso: Mastodon, Lemmy, Pleroma y otras de sus plataformas (Anal... Lázaro-Rodríguez library science ... 2024 🖑 > ■ • AT Protocol: Potential ActivityPub killer? - Social Experience Design / Social Web - Discuss Social Coding aschriiver computer scien... ● Moderation ● Governance ● University ● School ● Public Sector ● Trust ● Media ● Commons ● empirical study > 🖹 Blockchain-based access control management for Decentralized Online Social Networks Ur Rahman et al. computer scien... 2020 Comminant of empirical study Entities AT Protocol Blockchain business model Computer Science Copyrights Covenant cryptography CSAM defederation Disapora dokiel extremism Federation policies FramaSoft Free Software FreedomBox Friend Camp GNU Social HELIOS TERMORDENT STANDARD STANDARD STANDARD STANDARD Lister und Norris media studies; li.. 2024 > 🖹 • Creating a city for all of us: a role for the Fediverse in archiving civic urban memory ⇒ ■ Data-driven disruptive commons-based models Vercellone et al. Citation Key: ver... 2018 Abbing et al. Internet studies;... 2023 > 🖹 Decentralised social media > 🚞 ● Disintermedia » A Brief History of the GNU Social Fediverse and 'The ... FTAS interoperability introduction knowledge Law Lemmy libraries mapping Mastodon > ■ • Emerging Forms of Sociotechnical Organisation: The Case of the Fediverse Anderlini und Mil... genealogy of te... 2022 > 🚍 🕪 Empowering People with an Authoritative and Decentralized Social Media Platform | hc:59953 | Humanities... Barnett Citation Key: bar... 2023 network politics Nonscalable Networks Nostr open access OStatus P2P PeerTube → 📗 ETERNAL NETWORK GANSING und L... media studies; a... 2020 Citation Key: fed.. 2024 Philosophy of Science Planetary > 🔄 🖜 Findings Report: Governance on Fediverse Microblogging Servers > 🖹 • Fixing Social Media: Toward a Democratic Digital Commons Kwet Citation Key: kw... 2020 > 🖹 • Fixing Social Media: Toward a Digital Democratic Commons - Preprint Citation Key: kw... 2020 search smart cities chnical Imaginary of the Fediverse Mönnink media studies Ci... 2024 41 Einträge in dieser Ansicht > ■ ● IF NOT, ELSE: STANDARDS, PROTOCOLS, NETWORKS AND HOW THEY MAKE A DIFFERENCE Jesse Draper un... Citation Key: jes... 2023 > 17 D Into the Fediverse: An Opportunity for Academics to Reclaim the Public Sphere > 🖹 • Le Fediverse comme système de médias sociaux alternatifs: conflits de valeurs et design des protocoles inf... Robin et al. Citation Key: rob... 2022 > 📦 • Linked Research on the Decentralised Web science studies;... 2020 Brembs et al. science; society... 2023 > 🖹 🌖 Mastodon over Mammon: towards publicly owned scholarly knowledge > <> • NGI: Planetary - Social media for humans, not algorithms Citation Key: NG... Bustamante et al. Citation Key: bu... 2023 > 📝 🍑 On the Governance of Federated Platforms

the 'sociotechnical imaginary' of the Fediverse comes from science, Internet, library as Commons: collective ownership and control, disintermediation, empowering people, building ethical, democratic, sustainable sociotechnical spaces.



- DSA
- US Section 230
- nothing on copyrights



Sec. 230 = US model for EU E-Commerce DR (2000) to which the DSA is the successor: Incitement to hatred (Volksverhetzung), terror propaganda, CSAM.

©: all hits are copyright notices, except 2, of which 1 mentions instances that spread copyright protected materials and pornography. Doesn't seem to be a significant problem.

## **Application Areas**

- Universities/Libraries/Schools
- Public Sector
- Media



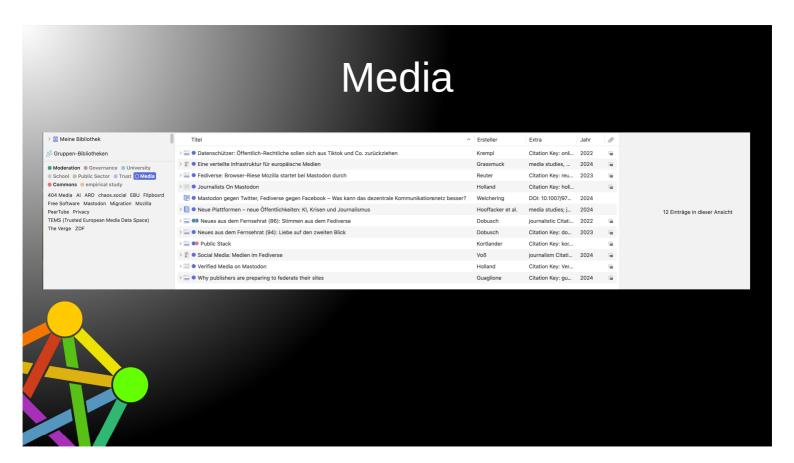


Uni (10) / libraries / schools (2): Internet invented by academics, replied to journal crisis with Open Access movement. Now: for-profit academic SNs of Big Publishers/Tech (Academia.edu (startup of British entrepreneurRichard Price), ResearchGate (also venture capital funded, incl. Peter Thiel & Bill Gates), SSRN (academically founded, acquired by Elsevier). New wave of Open Science on the Fediverse: activism. Reclaim the public sphere / Digital Sovereignty / public owned scholarly knowledge, Commons.

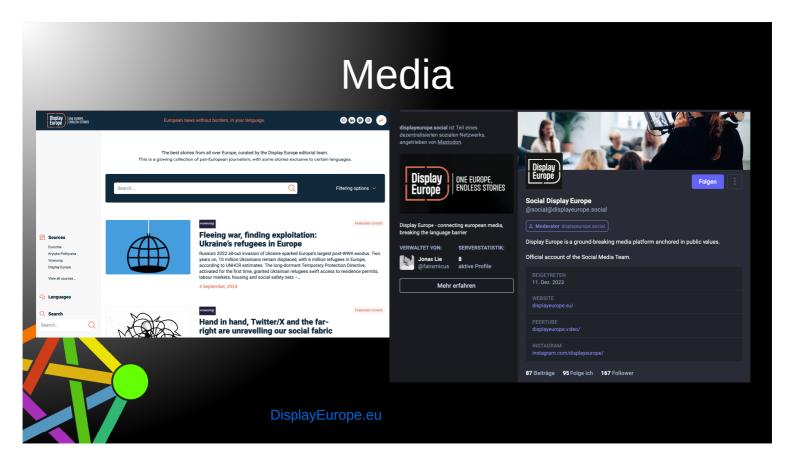
Data protection officers in DE & EU were first to establish Fedi-instances for the public sector (9).



After BMBF decided to leave, it was overwhelmed by community responses and announced on Wednesday that it will stay.



Lists of journalists and media organisation on Mastodon by Heise-journalist Martin Holland, future of journalism in the age of platforms and AI, PSM: Leonard Dobusch, the first member of a Broadcast Council (ZDF) to publicly and regularly report, future of media: 404 Media, Flipboard, The Verge but also: DisplayEurope.eu...



Display: EU-funded federated platform initiated from pan-European networks of community media around CBA.

PSM were pioneers (Böhmermann) in entering the Fediverse, now in leaving it (Caren Miosga 20.8.24)

Im Anschluss: André Kroll, was ARD macht.

#### Fediverse 2.0

• "Fediverse 2.0, which is well underway - and much more exciting. That's the Fediverse as a hub connecting multiple platforms: Wordpress, Flipboard, Ghost – and of course Threads."

(Michael Foster 04.09.2024)

and Bluesky (in BR + 3 mio)

... and other ideas on the future of the Fediverse – which will be bright and glorious!

#### Conclusions

- May the Fediverse Research Library be useful to scholars, researchers, journalists and all else.
- Whoever wants to actively contribute to the Library is welcome

I hope the same for the FRL.

## Thank you!

more at: https://berlinfedi.day



