

ANDREU CASAS

Assistant Professor in Political Communication & Computational Social Sciences
Department of Politics, Intl. Relations & Philosophy
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ACADEMIC POSITIONS

Royal Holloway University of London

- Assistant Professor: Department of Politics and Intl. Relations Sep. 2023 - today

Vrije Universiteit Amsterdam

- Assistant Professor: Department of Communication Science Sep. 2020 - Aug. 2023

University of Amsterdam

- Postdoctoral Fellow: Amsterdam School of Communication Research Sep. 2019 - Aug. 2020

New York University

- Faculty Affiliate: Center for Social Media and Politics Sep. 2019 - today
- Moore-Sloan Research Fellow: Center for Data Science, Aug. 2017 - Sep. 2019
Center for Social Media and Politics, Department of Politics

EDUCATION

University of Washington

- Ph.D. in Political Science June 2018
Committee: John Wilkerson (chair), Lance Bennett, and Jeffrey Arnold.
- M.A. in Political Science May 2015
- Political Methodology Certificate May 2015

University of Barcelona

- B.A. in Political Science and Public Administration June 2012

RESEARCH INTEREST

Substantive Interests: political communication, AI & politics, social media & politics, content moderation, mis/disinformation, fake news, media effects, legislative politics, interest groups, social movements, collective action, polarization, policy-making.

Methodological Interests: computational social science, artificial intelligence, large (visual) language models, computer vision, experiments, text as data, images as data, deep learning

REFEREED JOURNAL ARTICLES

24. Casas, Andreu, Oscar Stuhler, Julia Payson, Joshua A. Tucker, and Jonathan Nagler (Forthcoming). Bottom Up? Top Down? Determinants of Issue-Attention in State Politics. *The Journal of Politics*.
DOI: <https://www.journals.uchicago.edu/doi/10.1086/735873>

23. Webb Williams, Nora, **Andreu Casas**, Kevin Aslett, and John Wilkerson. (Forthcoming). When Conservatives See Red but Liberals Feel Blue: Labeler Characteristics and Variation in Content Annotation. *The Journal of Politics*.
DOI: <https://www.journals.uchicago.edu/doi/10.1086/735397>
22. Laurer, Moritz, Wouter van Atteveldt, **Andreu Casas**, and Kasper Welbers. (2024). On Measurement Validity and Language Models: Increasing Validity and Decreasing Bias with Instructions. *Communication Methods and Measures*, 1–17.
DOI: <https://doi.org/10.1080/19312458.2024.2378690>
21. **Casas, Andreu**. (2024). “The Geopolitics of Deplatforming: A Study of Suspensions of Politically-Interested Iranian Accounts on Twitter,” *Political Communication*, 41(3), 413–434.
DOI: <https://doi.org/10.1080/10584609.2024.2306503>
20. Laurer, Moritz, Wouter van Atteveldt, **Andreu Casas**, and Kasper Welbers. (2024) “Less Annotating, More Classifying – Addressing the Data Scarcity Issue of Supervised Machine Learning with Deep Transfer Learning and BERT-NLI.” *Political Analysis*, 32(1), 84-100.
DOI: <https://doi.org/10.1017/pan.2023.20>
19. Palau, Anna, Luz Munoz, and **Andreu Casas**. (2023). “To amend or not to amend: under what circumstances do Spanish legislators propose amendments to executive bills?” *West European Politics*, 1-28.
DOI: <https://doi.org/10.1080/01402382.2023.2241253>
18. Laurer, Moritz, Wouter van Atteveldt, **Andreu Casas**, and Kasper Welbers. (2023). “Lowering the Language Barrier - Investigating Deep Transfer Learning and Machine Translation for Multilingual Analyses of Political Texts.” *Computational Communication Research*, 5(2), 1-29.
DOI: <https://doi.org/10.5117/CCR2023.2.7.LAUR>
17. Yu, Xudong, Magdalena Wojcieszak and **Andreu Casas**. (2023). “Partisanship on social media: In-party love among American politicians, greater engagement with out-party hate among ordinary users.” *Political Behavior*.
DOI: <https://doi.org/10.1007/s11109-022-09850-x>
16. Wojcieszak, Magdalena, **Andreu Casas**, Xudong Yu, Jonathan Nagler, and Joshua A. Tucker. (2022). “Most users do not follow political elites on Twitter; Those who do, show overwhelming preferences for ideological congruity,” *Science Advances*, 8(39).
DOI: <https://doi.org/10.1126/sciadv.abn9418>
15. Pyason, Julia, **Andreu Casas**, Jonathan Nagler, Richard Bonneau, and Joshua A. Tucker. (2022). “Using Social Media Data to Reveal Patterns of Policy Engagement in State Legislatures,” *State Politics and Policy Quarterly*.
DOI: <https://doi.org/10.1017/spq.2022.1>
14. Wojcieszak, Magdalena, Bernhard Clemm von Hohenberg, **Andreu Casas**, Sjifra de Leeuw, Erica Menchen-Trevino, Xudong Yu, and Miriam Boon. (2022). “Null effects of news exposure: A causal test of the (un)desirable effects of a news vacation and news binging,” *Humanities and Social Sciences Communications*.
DOI: <https://doi.org/10.1057/s41599-022-01423-x>
13. Guldemon, Puck, **Andreu Casas**, and Mariken van der Velden. (2022). “Fueling Toxicity? Studying Deceitful Opinion Leaders and Behavioral Changes of Their Followers during the Dutch ‘21 Elections.” *Politics & Governance*.
DOI: <https://doi.org/10.17645/pag.v10i4.5756>

12. **Casas, Andreu**, Magdalena Wojcieszak, and Ericka Menchen-Trevino. (2022). “Exposure to extremely partisan news from the other political side shows scarce boomerang effects,” *Political Behavior*.
DOI: <https://doi.org/10.1007/s11109-021-09769-9>
11. Weeks, E. Brian, Ericka Menchen-Trevino, Christopher Calabrese, **Andreu Casas**, Magdalena Wojcieszak. (2021). “Partisan Media, Untrustworthy News Sites, and Political Misperception,” *New Media & Society*.
DOI: <https://doi.org/10.1177/14614448211033300>
10. Wojcieszak, Magdalena, Joao Goncalvez, **Andreu Casas**, Miriam Boon, Erica Menchen-Trevino. (2021). “Can AI enhance people’s support for online moderation and their openness to dissimilar political views,” *Journal of Computer-Mediated Communication*, 26(4):223-243.
DOI: <https://doi.org/10.1093/jcmc/zmab006>
9. Yu, Xudong, Magdalena Wojcieszak, Seungsu Lee, **Andreu Casas**, Rachid Azrout, Tomasz Gackowski. (2021). “The (Null) Effects of Happiness on Affective Polarization, Conspiracy Endorsement, and Deep Fake Recognition: Evidence from Five Survey Experiments in Three Countries,” *Political Behavior*, 43:1265–1287.
DOI: <https://doi.org/10.1007/s11109-021-09701-1>
8. Aslett, Kevin, Nora Webb Williams, **Andreu Casas**, Wesley Zuidema and John Wilkerson. (2020). “What Was the Problem in Parkland? Using Social Media to Measure the Effectiveness of Issue Frames,” *Policy Studies Journal*, 50: 266-289.
DOI: <https://doi.org/10.1111/psj.12410>
7. **Casas, Andreu**, Matthew J. Denny, and John Wilkerson. (2020). “More Effective than We Thought: Accounting for Legislative Hitchhikers Reveals a More Inclusive and Productive Law-making Process,” *American Journal of Political Science*, 64:5-18.
DOI: <https://doi.org/10.1111/ajps.12472>
6. Barbera, Pablo, **Andreu Casas**, Jonathan Nagler, Patrick Egan, Richard Bonneau, John T. Jost, and Joshua A. Tucker. (2019) “Leaders or Followers? Measuring Political Responsiveness in the U.S. Congress Using Social Media Data.” *American Political Science Review.*, 113(4):883-901.
DOI: <https://doi.org/10.1017/S0003055419000352>
5. **Casas, Andreu** and Nora Webb Williams. (2019). “Images That Matter: Online Protests and the Mobilizing Role of Pictures.” *Political Research Quarterly*. 72(2), 360–375.
DOI: <https://doi.org/10.1177/1065912918786805>
4. Suarez, David, Kelly Husted and **Andreu Casas**. (2018). “Community foundations as advocates: social change discourse in the philanthropic sector,” *Interest Groups & Advocacy*, 7(3):206–232.
DOI: <https://doi.org/10.1057/s41309-018-0039-z>
3. **Casas, Andreu** and John Wilkerson. (2017). “A Delicate Balance: Republican Party Branding During the 2013 Government Shutdown,” *American Politics Research*, 45(5), 790–812.
DOI: [10.1177/1532673X16688458](https://doi.org/10.1177/1532673X16688458).
2. Wilkerson, John and **Andreu Casas**. (2017). “Large-Scale Computerized Text Analysis in Political Science: Opportunities and Challenges.” *Annual Review of Political Science*, 20:529-544.
DOI: [10.1146/annurev-polisci-052615-025542](https://doi.org/10.1146/annurev-polisci-052615-025542).

1. **Casas, Andreu**, Ferran Davesa and Mariluz Congosto. (2016). “Mass protest. Chaotic Message? The interaction between the Spanish Indignados movement and the mass-media.” *Revista Española de Investigaciones Sociológicas*, 155:73-96.
DOI: [10.5477/cis/reis.155.73](https://doi.org/10.5477/cis/reis.155.73).

BOOKS

1. Webb Williams, Nora, **Andreu Casas**, and John Wilkerson. (2020). *An Introduction to Images as Data for Social Science Research: Convolutional Neural Nets for Image Classification*. Elements in Quantitative and Computational Methods for the Social Sciences. Cambridge University Press.
DOI: <https://doi.org/10.1017/9781108860741>

SPECIAL ISSUES EDITED

1. **Casas, Andreu** and Nora Webb Williams. (Guest Editors) (2022). Images as Data. *Computational Communication Research*.
Available at: <https://www.aup-online.com/content/journals/26659085/4/1>

WORK UNDER REVIEW

2. Palau, Anna, **Andreu Casas**, and Andreu Rodilla. “Legislating in multilevel systems: How regional and European factors shape the amending activity in Spain.” Under Review at *European Journal of Political Research*.
1. Pak, Chankyung, Magdalena Wojcieszak, **Andreu Casas**, Ericka Menchen-Trevino, Joao Goncalves. “What matters more to affective polarization: Evidence on partisanship, ideology, and policies in three countries.” Under Review at *Political Research Quarterly*.

WORK IN PROGRESS

6. Casas, Andreu and John Wilkerson, “The Landscape of Lawmaking.” [BOOK project] First chapter available at: <https://doi.org/10.33774/apsa-2024-rlp79>
5. **Casas, Andreu**. “Moderation of Political Content on Youtube during the 2024 US Election.”
4. **Casas, Andreu** and Freek Cool. “Supervised Multimodal Classification for Political Science Research.”
3. **Casas, Andreu**, Anne Rasmussen, and Gregory Eady. “Digital Advocacy and Online Agenda Setting: How and When Interest Groups set the Online Agenda of Elected Representatives.”
2. **Casas, Andreu**, Nora Webb Williams, Kevin Aslett, and John Wilkerson. “Automated Visual Clustering for Image Corpus Exploration, Stratified Random Sampling, and Annotation Cost Reduction.”
1. **Casas, Andreu**, Joshua Tucker, Jennifer Larson, Richard Bonneau, Jonathan Nagler. “The Mechanisms of Protest Recruitment through Social Media Networks.”

AWARDS, HONORS, AND GRANTS

15. *Horizont Grant (w. many other partners): ‘WHAT-IF: Advanced Simulations for Testing the Effect of the Information Environment on the Functioning of Democracy’*:
€3,197,385 (€80,762 and leading Work Package 3) 2025-2028
14. *Social Purpose Grant: ‘Improving Academic Access to Platform Data’*:
£10,000 2025

13. *NWO-VENI Talent Program Grant. “Free Speech and Censorship in the Digital Society: A computational study of the determinants and effects of political speech regulation by social media companies”*: €280,000 2022-2026
12. *NWO-NWA Grant. When words do the trick: The effect of rhetorical strategy on the perceived legitimacy of political decision-making*: €50,000 2021
(with Mariken van der Velden)
11. *CQ Press Award: Best Paper in Legislative Politics 2019* 2019
(with Matthew Denny and John Wilkerson, for “More Effective than we Thought”)
10. *Facebook Foundational Integrity Research: Misinformation & Polarization Grant* : \$100,000 2019
(Casas, Andreu and Ericka Menchen-Trevino: co-applicants. Magdalena Wojcieszak: PI)
9. *NSF Award Num. 1727459: The Power of Images*: \$302,516 2017-2019
(Casas, Andreu and Nora Webb Williams: Key Personnel. John Wilkerson: PI)
8. *EU Center Travel Grant* (Univ. of Wash) to conduct field research in Europe: \$3,000 2017
7. *Philo S. Bennett Prize* for Best Paper in Democratic Politics (Univ. of Wash) 2016
6. *Camden Hall Research Grant*: \$3,000 (Univ. of Wash.) 2016
5. *Center for Statistics and the Social Sciences* (Univ. of Wash.) Travel Grant: \$1,000 2016
4. *American Political Science Association* Travel Grant: \$1,000 2015
3. Graduate Fellow at the Center for American Politics and Public Policy, (Univ. of Wash.) 2013-2017
2. *La Caixa Fellowship* for graduate studies in the U.S.: aprox. \$100,000 2013-2015
(stipend, tuition, and travel)
1. *Brethren College Abroad Fellowship* for undergrad. studies in the U.S. (tuition + travel) 2010-2011

INVITED TALKS

20. “Moderation of Political Content on Youtube during the 2024 US Election”, keynote speaker at the Summer Institute in Computational Social Science, Barcelona, October 21, 2024.
19. “Moderation of Political Content on Youtube during the 2024 US Election”, invited to speak at King’s College London, May 8, 2024.
18. “Impact of the internet on democracy: positive tool or polarising force?”, invited to speak at The Democracy Forum (w. Helen Margetts, Cristian Vaccari, Shannon McGregor, and Peter Ferdinand), London, September 26, 2023.
17. “The Geopolitics of Deplatforming”, invited to speak at the University of Zurich, March 9, 2023.
16. “Exploring Ideological Suspension Biases on YouTube in the US”, invited to speak at the CSMaP Annual Meeting, April 28, 2023.

15. “The Geopolitics of Deplatforming”, invited to speak at the University of Dublin, March 23, 2022.
14. “The Geopolitics of Deplatforming”, invited to speak at the University of Barcelona, January 13, 2022.
13. “Artificial Emotional Intelligence”, invited to speak at the University of Zurich, July 27, 2021.
12. “Who influences the public agenda in State Politics?”, invited to speak at the Bill & Melinda Gates Foundation, Seattle, April 5, 2021.
11. “Text-reuse approaches for the study of policy-making”, invited to speak at the University of St. Gallen, October 13, 2020.
10. “Automated Visual Clustering: A Technique for Image Corpus Exploration and Annotation Cost Reduction” invited to speak at the Vrije University in Amsterdam, March 2, 2020.
9. “Computer vision, evoked emotions, and political mobilization”, invited to speak at the Amsterdam Interdisciplinary Center for Emotion (AICE), University of Amsterdam, December 3, 2019.
8. “Visual modeling in social science research”, invited to speak at the Center for Social Media and Politics, New York University, October 15th, 2019.
7. “Automated Visual Clustering: A Technique for Image Corpus Exploration and Annotation Cost Reduction”, invited to speak at the Hot Politics Lab, University of Amsterdam, October 4, 2019.
6. “An Introduction to Automated Image Analysis for Social Science Research”, Summer School Series on Methods for Computational Social Science, Berlin, July 23, 2019.
5. “The Mechanisms of Protest Recruitment through Social Media Networks,” Facebook Computational Social Science Seminar, New York, May 23, 2019.
4. “More Effective than We Thought: Accounting for Legislative Hitchhikers Reveals a More Inclusive and Productive Lawmaking Process,” Center for Data Science, *New York University*, January 24, 2018.
3. “Computer Vision for Political Science Research: A Study of Online Protest Images,” New Faces in Political Methodology, *Pennsylvania State University*, April 29, 2017.
2. “Bill Editing: How the Sausage is Made,” *University of Geneva*, January 18, 2017.
1. “Big Data and Transparency,” *University of Barcelona*, January 14, 2017.

INVITED WORKSHOPS

10. Summer Institute in Computational Social Science - University of Barcelona & Barcelona Supercomputer Centre, *Images as Data for Social Science Research*, Barcelona, October 22, 2024.
9. GESIS - University of Mannheim, *Automated Image and Video Data Analysis with Python*, Mannheim, September 23-27, 2024.

8. GESIS - University of Mannheim, *Automated Image and Video Data Analysis with Python*, Mannheim, September 18-22, 2023.
 7. ECRP Summer School, *Data visualization in R*, Online, July 24-28, 2023.
 6. GESIS - University of Mannheim, *Automated Image and Video Data Analysis with Python*, Mannheim, September 19-23, 2022.
 5. University of Zurich & ETH Zurich, *Images as Data Workshop*, Zurich, November 5, 2021.
- “Computer Vision for Social Scientists,” (with Nora Webb Williams):
4. *International Communication Association* Annual Meeting, Washington D.C., May, 2019.
 3. *American Political Science Association* Annual Meeting, Boston, August, 2018.
- “Text-as-Data for Political Scientists,” (with John Wilkerson):
2. *American Political Science Association* Annual Meeting, San Francisco, September 7, 2015.
 1. *Comparative Agendas Project* Annual Meeting, Lisbon, June 22, 2015.

CONFERENCE PRESENTATIONS

Annual Meeting of the American Political Science Association: 2015, 2016, 2017, 2018, 2019, 2021, 2023, 2024

Annual Meeting of the International Communications Association: 2017, 2019, 2021, 2022, 2023, 2024

Annual Meeting of the Midwestern Political Science Association: 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022.

Annual Meeting of the Comparative Agendas Project: 2013, 2015, 2016, 2017, 2018, 2022, 2024

New Directions in Analyzing Text as Data (TADA Conference): 2015, 2018.

Annual Meeting of the Society for Political Methodology: 2017.

Annual Meeting of the European Political Science Association: 2019, 2023

TEACHING EXPERIENCE

Undergraduate Courses

AI & Society, Vrije Universiteit Amsterdam (2023)

News & Journalism, Vrije Universiteit Amsterdam (2020, 2021)

Media, Politics & Society, Vrije Universiteit Amsterdam (2020, 2021)

Introduction to American Politics (TA), University of Washington (2015)

Graduate Courses

Strategic Political Communication, Royal Holloway University of London (2024)

Dynamics of Interconnectdness (Polarization), Vrije Universiteit Amsterdam (2021)

Political Communication & Public Opinion, Vrije Universiteit Amsterdam (2021)

Text-as-Data (TA), University of Washington (2015, 2017)

Advanced Research Design & Analysis (TA), University of Washington (2016)

Advanced Quantitative Political Methodology(TA), University of Washington (2016)

ADVISING EXPERIENCE

Tiany Bi (2018-2019), New York University, MA in Data Science

Mehdi Zamani (2019-2020), University of Amsterdam, MA in Communication Science

Luus van Mierlo (2020-2021), Vrije Universiteit Amsterdam, MA in Communication Science

Puck Guldemonnd (2020-2021), Vrije Universiteit Amsterdam, MA in Communication Science

Moritz Laurer (2020-2024), Vrije Universiteit Amsterdam, PhD in Communication Science

Zeve Anderson (2022-), Vrije Universiteit Amsterdam, PhD in Communication Science

PROFESSIONAL SERVICE

Editor of special issue on Images as Data for *Computational Communication Research*.

Editorial board member of: *Journal of Quantitative Description: Digital Media*, and *Computational Communication Research*.

Reviewer for: *PNAS*, *American Political Science Review*, *Journal of Communication*, *American Journal of Political Science*, *Journal of Politics*, *International Journal of Press and Politics*, *Political Analysis*, *American Politics Research*, *Computational Communication Research*, *Policy Studies Journal*, *Journal of Quantitative Description: Digital Media*, etc.

SOFTWARE AND PROGRAMMING SKILLS

Advanced: R, Python, MySQL, Stata, Latex, Amazon Web Services.

Intermediate: Java, Bash, HTML,CSS, javascript.

Packages: **ldaRobust** (R package to estimate Robust Latent Dirichlet Allocation models)

Online Repository: <https://github.com/CasAndreu>