

JUSTIN CHUN-TING HO

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EDUCATION

- PhD in Sociology, University of Edinburgh** 2021
Supervised by Ross Bond and Michael Rosie.
Dissertation title: The Rise of Hong Kong Nationalism on the Edge of Empires.
Completed modules in research methods, natural language processing, and nationalism studies.
- MSc in Political Theory, London School of Economics and Political Science** 2013
Dissertation researched Chinese nationalism and its conflict with the Hong Kong identity.
Completed modules in multiculturalism, nationalism, and the contemporary disputes of justice.
- BSocSc in Government and Public Admin., Chinese University of Hong Kong** 2012
Focused on political philosophy and international political theory.
Minor in Sociology.

PUBLICATIONS

Peer-Reviewed Articles and Conference Proceedings

- Ho, J.C. (2022) The Internationalism of Stateless Nations: The case of Hong Kong. *Nations and Nationalism*.
- Ho, J.C. (2022) Understanding Hong Kong Nationalism: A Topic Network Approach. *Nations and Nationalism*.
- Urman, A., Ho, J.C. & Katz, S. (2021) Analyzing protest mobilization on Telegram: The case of 2019 Anti-Extradition Bill movement in Hong Kong. *PLOS One* 16(10): e0256675.
- Barrie, C. & Ho, J.C. (2021) academictwitter: an R package to access the Twitter Academic Research Product Track v2 API endpoint. *Journal of Open Source Software* 6(62). The Open Journal: 3272.
- Brownlie, J., Ho, J.C., Dunne, N., Fernández, N. & Squirrell, T. (2021) Troubling content: Guiding discussion of death by suicide on social media. *Sociology of Health and Illness* 43(4), pp. 607-623.
- Ho, J.C. (2020) How Biased is the Sample? Reverse Engineering the Ranking Algorithm of Facebook's Graph API. *Big Data & Society* 7(1), pp 1-15.
- Ho, J.C. (2019) Assessing the Bias of Facebook's Graph API. *ACM Hypertext and Social Media 2019*.
- Soldner, F., Ho, J.C., Makhortykh, M., Van der Vegt, I.W.J., Mozes, M. & Kleinberg, B. (2019) Uphill from here: Sentiment patterns in videos from left- and right-wing YouTube news channels. *NLP+CSS at NAACL 2019*.

Book Chapters and Other Publications

- Ho, J.C. (2022) Scotland: A Distinct Political Community in the United Kingdom. In: Fong, C. & Ichijo, A. (eds). *The Routledge Handbook of Comparative Territorial Autonomies*. Milton Park: Routledge.
- Ho, J.C. (2022) Using Computational Text Analysis With Social Media Text. *SAGE Research Methods: Doing Research Online*. London: Sage.
- Barrie, C. & Ho, J.C. (2022) Using the Twitter Academic API With R for Social Science Research. *SAGE Research Methods: Doing Research Online*. London: Sage.

Davidson, E., Ho, J.C. & Jamieson, L. (2019) Computational text analysis using R in Big Qual data: lessons from a feasibility study looking at care and intimacy. In: Weller, S. and Edwards, R. and Jamieson, L. & Davidson, E. (eds). Analysing large volumes of complex qualitative data - Reflections from a group of international experts. *NCRM Working Paper*. Accessible: <http://eprints.ncrm.ac.uk/4266/>

Ho, J.C. (2017) Book review: Dynamics of National Identity: Media and Societal Factors of What We Are. *Nations and Nationalism* 23(4), pp. 1004–1006.

Under Review and Work in Progress

Ho, J.C. (in Progress) The root of Nationalism in Hong Kong: Evidence from the Chinese Language Campaign. Progress: Revise and Resubmit with *China Quarterly*.

Stier, S., Froio, C. & Ho, J.C. (in Progress) Mainstreaming the populist radical right? Online news exposure and voting behavior in the 2019 European Parliament election. Progress: Revise and Resubmit with *European Political Science Review*.

AWARDS AND SCHOLARSHIP

- 2022: 2022 (1st Session) Academia Sinica Postdoctoral Research Scholars
- 2021: Best Student Paper (Runner-up), Chinese Internet Research Conference
- 2019: Gray Scholarship Award, School of Social and Political Science, University of Edinburgh
- 2018: Best Poster Presentation, European Symposium on Societal Challenges in CSS
- 2018: Honourable Mention, Summer School Series on Methods for Computational Social Science

GRANTS

- 2021: SAGE Concept Grant, SAGE Publishing
- 2019: Travel Grant, 5th International Conference on Computational Social Science (IC2S2)
- 2018: Travel Grant, European Symposium on Societal Challenges in CSS, GESIS
- 2018: Travel Grant, Summer School Series on Methods for Computational Social Science, GESIS
- 2017: Travel Grant, IPSA-NUS Methods School, International Political Science Association
- 2017: Digital Scholarship Training Bursaries, University of Edinburgh

ACADEMIC APPOINTMENTS

Postdoctoral Fellow

January 2022 - Present

Academia Sinica

Taiwan

- Works on the research project *Understanding the Digital Activism of the Anti-Extradition Bill Movement through the Lens of Stateless Nationalism*.
- Participates in the research projects of the Communication Data and Network Analytics Lab.

Postdoctoral Researcher

August 2020 - January 2022

Sciences Po

France

- Worked on the research project *What do the people want? Analysing Online Populism in Europe and the US* funded by a VolkswagenStiftung, in collaboration with the Oxford Internet Institute (Oxford University) and GESIS (Cologne).
- Conducted quantitative text analysis using web-tracking and social media data
- Developed new methods of multi-language topic modelling using natural language processing methods.

Training Fellow (p.t.)

October 2019 - July 2020

University of Edinburgh

United Kingdom

- Developed training programme for the Centre for Data, Culture & Society.

- Led training workshops on computational social science skills, including introduction to R and Python programming, text analysis, data visualisation, and statistical analysis.
- Carried out teaching-related administrative duties.

Research Assistant (p.t.)

University of Leicester

March 2019 - June 2019

United Kingdom

- Provided research support for research project, *Big Data Analysis of Mental Health Discussion on Chinese Microblogging site Weibo*.
- Conduct Chinese organisation and analyse data with several kinds of Text Analysis techniques.
- Pre-processed the data with R.

Research Assistant (p.t.)

University of Edinburgh

August 2017 - January 2018

United Kingdom

- Provided research support for the ESRC funded projects, *Working Across Qualitative Longitudinal Studies: a feasibility study looking at care and intimacy* and *A Shared Space and A Space for Sharing* (funded by EMoTICON programme)
- Analysed text data with Topic Modelling, Keyword Analysis, and Cluster Analysis.

TEACHING EXPERIENCE

CURRICULUM DEVELOPMENT

Introduction to Text Analysis and Digital Research

Institut für Politische Wissenschaft, Leibniz Universität Hannover

Introduction to Computational Text Analysis and Social Media Research

School of Research, Sciences Po

Doing Social Research with Statistics (in collaboration with Alexander Janus)

School of Social and Political Science, University of Edinburgh

LECTURING

Guest Lecturer for Public Policy Research

2022

Department of Government and Public Administration, Chinese University of Hong Kong

Guest Lecturer for Methods in Social Science Research

2021

Department of Government and Public Administration, Chinese University of Hong Kong

Lecturer for Introduction to Computational Text Analysis and Social Media Research

2021

School of Research, Sciences Po

Instructor for Data and Text Analysis Summer School

2021

Centre for Data, Culture & Society, University of Edinburgh

Guest Lecturer for Using Pre-existing Data for your Own Research

2019

School of Social and Political Science, University of Edinburgh

Guest Lecturer for Researching Digital Life

2018

School of Social and Political Science, University of Edinburgh

Lecturer/Organiser for Introduction to Text Analysis and Digital Research

2017

Institut für Politische Wissenschaft, Leibniz Universität Hannover

TUTORING

Tutor for Core Quantitative Data Analysis 1 and 2 (Postgraduate Course)

2018, 2019

Q-Step, University of Edinburgh

Tutor for Sociology 2b: Researching Social Life <i>School of Social and Political Science, University of Edinburgh</i>	2018, 2019
Tutor for Statistical Modelling <i>Q-Step, University of Edinburgh</i>	2018
Tutor for Doing Social Research with Statistics <i>Q-Step, University of Edinburgh</i>	2017, 2018
Demonstrator for Data Analysis and Research Methods <i>Lothian Equal Access Programme for Schools, University of Edinburgh</i>	2018
WORKSHOPS	
Instructor for the 2022 Quantitative Research Workshop (Topic Modelling) <i>Institute of Sociology, Academia Sinica</i>	2022
Speaker for Getting started with the Twitter API in R <i>Twitter</i>	2021
Instructor for Data Skills Workforce Development Training (Data Carpentry) <i>Bayes Centre, University of Edinburgh, funded by Scottish Funding Council</i>	2020
Instructor for Collecting Social Media Data <i>Centre for Data, Culture & Society, University of Edinburgh</i>	2020
Instructor for Python for Everyone Learning Group <i>Centre for Data, Culture & Society, University of Edinburgh</i>	2020
Instructor for Basic Text Analysis using R <i>Q-Step Edinburgh, University of Edinburgh</i> <i>Centre for Data, Culture & Society, University of Edinburgh</i>	2018, 2020
Lead Instructor for Data Carpentry <i>Bayes Centre, University of Edinburgh</i> <i>Software Sustainability Institute, University of Edinburgh</i> <i>Digital Scholarship, University of Edinburgh</i>	2018, 2019, 2020
Lead Instructor for R for Data Visualisation and Statistical Analysis <i>Q-Step Edinburgh, University of Edinburgh</i>	2019

ACADEMIC AFFILIATIONS

- AdvanceHE (previously Higher Education Academy), Associate Fellow
- The Carpentries, Instructor
- Association for the Study of Ethnicity and Nationalism, Edinburgh Branch (ASENE), Member
- Centre for Data, Culture & Society at University of Edinburgh, PhD Affiliate
- Edinburgh Text Analysis Research Group, Founder and Convener

ACADEMIC SERVICE

- Conferences Organised: Co-organiser of the Annual Conference of the Association for the Study of Ethnicity and Nationalism (2019)
- Reviewing: *Social Media and Society*, *Political Science Research and Methods*, *Journal of Open Source Software*, *Journal of Communication*, *Scottish Affairs*, *Sage Open*, SAGE Publishing, International Communication Association (ICA) Annual Conference
- Postgraduate Representative, School of Social and Political Sciences, University of Edinburgh (2017-2018)

SOFTWARE

academictwitterR R package for collecting tweets from Twitter's Academic Research API.
Source code and releases available at: <https://cran.r-project.org/package=academictwitterR>

LIHKGr R package for scraping text data from LIHKG (Hong Kong's reddit).
Source code and releases available at: <https://cran.r-project.org/package=LIHKGr>

songotsti R package for Cantonese tokenisation.
Source code and releases available at: <https://github.com/justinchuntingho/songotsti>.