TAEGYOON KIM

Political Scientist | Computational Social Scientist

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EDUCATION

Dual-title PhD in Political Science and Social Data Analytics
Penn State University, Expected in 2022

MA in Political Science
Seoul National University, 2016

Dual-title BA in Political Science and English Linguistics & Literature
Yonsei University, 2013

ONGOING PROJECTS

Dissertation Project

- **Violent Political Rhetoric on Twitter (under review)**
  I develop an automated method to identify tweets threatening out-party politicians and investigate the substantive dimensions of threatening tweets.

- **Violent Political Rhetoric and Inter-party Relations**
  I conduct an online experiment to investigate the effects of the exposure to online threats of violence against opposing partisans on affective polarization and violent attitudes.

- **Moralized politics and Violent Partisan Hostility**
  I argue that politicians prime moralized political issues to bolster their core support base while it leads to violent partisan expression by evoking moral outrage and test the argument using a tweets data for 117th Congress.

State Policy Analysis Project

- **Attention to the COVID-19 pandemic on Twitter (under review)**
  With Nitheesha Nakka, Ishita Gopal, Bruce Desmarias, Abigail Mancinelli, Jeffrey Harden, Hyein Ko, and Frederick Boehmke
  We build a data set of state legislators' tweets, examine state legislators' responses to the pandemic, and investigate partisan differences.

- **Modeling State Legislator Networks on Twitter**
  With Ishita Gopal, Nitheesha Nakka, and Bruce Desmarias
  We investigate state legislators' networked communication on social media. We reconstruct key networks among state legislators on Twitter and examine the impact of party, state, chamber, cohort, gender, and policy area on the formation of these networks.

- **State Legislators' attention to and Stance on Vaccination**

SKILLS

Software
R (tidyverse, plm, lme4, stm, quanteda, network, igraph, ergm), Python (pandas, numpy, matploblib, scikit-learn, Keras, Pytorch, NLTK, transformers, tweepy), Stata, Git, LaTex

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Method
Machine learning, NLP/Text-as-data, Network Analysis, Regression Models, Survey Methods (imputation, clustering, weighting), Visualization

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Language
English (fluent), Korean (native)

RESEARCH AREAS

Political/Social Science
(Online) Political Communication, Public Opinion, State Politics

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Data Analytics
Machine Learning, NLP/Text-as-data, Network Analysis (Information Diffusion)

PRESENTATIONS

Violent Political Rhetoric on Twitter
PaCSS/PolNet 2020, PolMeth 2020, APSA 2020, MPSA 2021
Attention to the COVID-19 pandemic on Twitter
PolNet 2021

AWARDS

Paterno Graduate Fellowship, 2018-2019
Penn State University

PUBLICATIONS

The Effects of Diverse Polling Methods on the Estimation of Candidates' Approval Ratings: The Case of 19th Presidential Election in South Korea
With Jongho Choi and Kangwook Han
Journal of International and Area Studies, Vol.24, No.1 (2017)

TEACHING

Graduate Statistical Method Course Preceptor

**Multivariate Analysis for Political Research, Christopher Zorn,
Penn State University, Spring 2020**

**Topics in Political Methodology, Christopher Zorn,
Penn State University, Fall 2019**

**Statistical Methods for Political Research, Bruce Desmarais,
Penn State University, Fall 2019**

REFERENCES

Bruce Desmarais

DeGrandis-McCourtney Early Career Professor in Political Science, Penn State University

Associate Director of the Center for Social Data Analytics, Penn State University

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Email bdesmarais@psu.edu