

CURRICULUM VITAE **Mirai Igarashi**



PERSONAL INFORMATION

Name: Mirai Igarashi
 Date of Birth: February 9, 1994
 Gender: Male
 Citizenship: Japan
 Position: Doctoral student at Graduate School of Economics and Management, Tohoku University
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EDUCATIONAL BACKGROUND

Tohoku University	B.A. of Economics	2016
Tohoku University	M.A. of Management	2018

EMPLOYMENT BACKGROUND

2018/4 – Present	The Japan Society for the Promotion of Science	Research Fellow (DC1)
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WORKING EXPERIENCE

2019/8 – 2020/1	Robert H. Smith School of Business (Univ. of Maryland)	Visiting Scholar
2017/4 – 2018/3	Marketing Modeling for Big Data (Tohoku Univ.)	Research Assistant
2016/12 – 2017/3	Asset Management (Tohoku Univ.)	Administrative Assistant
2016/12 – 2017/3	Tohoku Water Industry Innovation Project (Tohoku Univ.)	Administrative Assistant
2016/6 – 2016/9	Nature and Environment (Tohoku Univ.)	Teaching Assistant

AWARDS

日本マーケティングサイエンス学会 審査員特別賞 (2018 年)
 新しい経済産業指標開発コンテスト 優秀賞 (2017 年)

REFEREED ARTICLES (International)

Mirai Igarashi, Nobuhiko Terui (2020), "Characterization of topic-based online communities by combining network data and user generated content," *Statistics and Computing*, 30, 1309-1324.

REFEREED ARTICLES (Domestic)

五十嵐未来, 李銀星, 石垣司, 照井伸彦 (2018), "Twitter 上の口コミ情報を利用した売上予測モデルの構築と実証分析," *流通情報*, 49(6).

WORKING PAPERS

Mirai Igarashi, P.K. Kannan, and Nobuhiko Terui (2020), "Customer Review Analysis Using Word Embedding Model Considering Text Topics," *Data Science and Service Research discussion paper*, 115.

五十嵐未来, 照井伸彦 (2020), "ソーシャルメディア上のテキスト情報を考慮した社会ネットワーク分析モデル," *Data Science and Service Research discussion paper*, J-6.

Mirai Igarashi, Aijing Xing, and Nobuhiko Terui (2020), "Interpretable Perceived Topics in Online Customer Reviews for Product Satisfaction and Reader Helpfulness," *Data Science and Service Research discussion paper*, 112.

Mirai Igarashi and Nobuhiko Terui (2019), "Identifying Topic-based Communities by Combining Social Network Data and User Generated Content," *Data Science and Service Research discussion paper*, 97.

ORAL PRESENTATIONS (International)

"Beyond the Bag-of-words: Customer Review Analysis Using Word Embedding Model Considering Text Topics and Sentiments," 42nd ISMS Marketing Science Conference, North Carolina, June 2020.

"A Model for Social Influence on Topic of Users Contents Generating Behavior," *International Workshop on Marketing and Data Science*, Sendai, December 2019.

"Identifying Topic-based Communities by Combining Social Network Data and User Generated Content," *Marketing Dynamic Conference*, Maryland, June 2019.

"A model for community detection considering user-generated-contents and allowing the mixed membership," *Tohoku-UAE Joint Workshop*, Sendai, Japan, March 2019.

"A Model for Detecting Influencers in Social Media," *40th INFORMS Marketing Science Conference*, Philadelphia, June 2018.

"Network Analysis of Social Media and Detection of Influencer," *International Workshop on Bayesian Econometric Analysis*, Tokyo, Japan, November 2017.

ORAL PRESENTATIONS (Domestic)

"トピックモデルによるソーシャルネットワーク分析," 統計関連学会連合大会, 東京, 2018 年 9 月.

"ソーシャルメディア上のテキスト情報を考慮したインフルエンサー検出モデル," 日本マーケティングサイエンス学会, 大阪, 2018 年 6 月.

"ソーシャルメディアを利用したインフルエンサー検出モデル," ノンパラメトリック統計解析とベイズ統計, 東京, 2018 年 3 月.

"ソーシャルメディアを用いた経済指標開発," 高次元・高頻度データのベイズ計量経済分析, 仙台, 2017 年 2 月.

POSTER PRESENTATIONS (International)

- “Characterization of Topic-based Online Communities by Combining Network Data and User Generated Content,” *6th CWRU-Tohoku Joint Workshop*, Cleveland, August 2019.
- “A Model for Detecting Influencers and Understanding Their Connections,” *2nd Tohoku U-NYU Symposium on Interdisciplinary AI and Human Studies*, Sendai, Japan, November 2018.
- “A Topic Model Using Text Information on Social Media for Social Network Analysis,” *5th CWRU-TOHOKU Joint Workshop*, Sendai, Japan, August 2018.
- “A Model for Detecting Influencer in Social Media,” *International Kick-off Symposium of Graduate Program in Data Science*, Sendai, Japan, February 2018. → Poster Presentation Award

SKILLS, INTERESTS

- **Programing Language:** R, Python, C++, TeX/ LaTeX, Markdown
- **Domains:** Marketing Science, Consumer Behavior, Statistical Modeling (Bayesian Modeling), Big Data Analysis, Machine Learning (Deep Learning, Topic Modeling, Support Vector Machine)