



機械学習を用いた心理療法の研究

[キーワード: 機械学習、システミックセラピー、認知行動療法]

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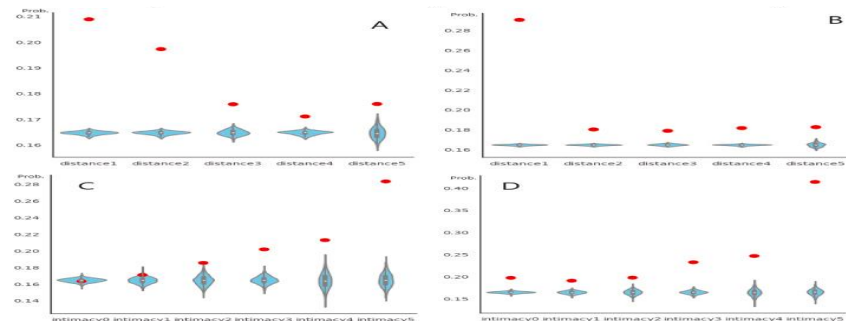
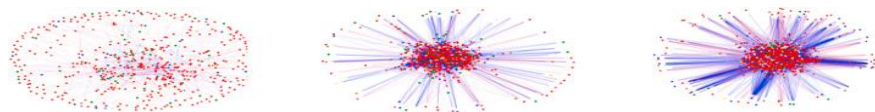
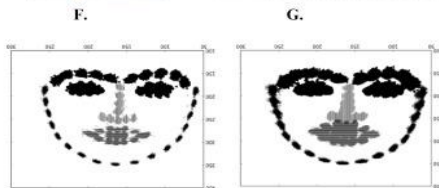
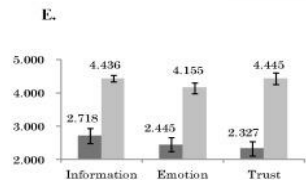
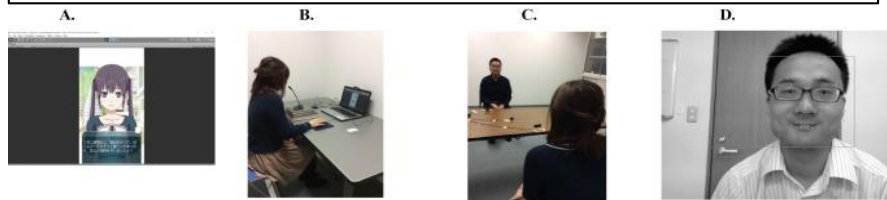
<研究の概要>

機械学習を臨床心理学に援用するといった観点から、ヴァーチャルコミュニティでの発話分析、社会ネットワークを中心に進めている。

最近の研究では、

- 1) ヴァーチャルコミュニティにおける精神的健康増進効果
- 2) 賭博障害に資するオンライン自助グループの効果

を中心に研究している。



<主要研究業績>

- Yokotani, K., Takano, M. Social Contagion of Cyberbullying via Online Perpetrator and Victim Networks, Computers in Human Behavior, in press.
- Yokotani, K., Takano, M. Differences in Victim Experiences by Gender/Sexual Minority Statuses in Japanese Virtual Communities, Journal of Community Psychology, in press.
- Yokotani, K., Gen Takagi, Kobun Wakashima, Nonverbal synchrony of facial movements and expressions predict therapeutic alliance during a structured psychotherapeutic interview, Journal of Nonverbal Behavior, 44, 85-116, 2020.
- Yokotani, K. Supervised Machine Learning Approach Discovers Protective Sequence for Avoiding Sexual Victimization in Criminal Suit Documents, Asian Journal of Criminology, 13, 4, 329-346, 2018
- Yokotani, K., Gen Takagi, Kobun Wakashima, Advantages of Virtual Agents over Clinical Psychologists during Comprehensive Mental Health Interviews Using a Mixed Methods Design, Computers in Human Behavior (2018), 85, 135-145, doi: 10.1016/j.chb.2018.03.045

<地域(行政)、NPOや企業との連携・共同研究実績>

- ヴァーチャルコミュニティの精神的健康増進効果についての研究、CyberAgent <https://www.cyberagent.co.jp/akihabaralabo/collaborativeproject/>

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Research on psychotherapy using machine learning

[Keywords: machine learning, systemic therapy, cognitive behavioral therapy]

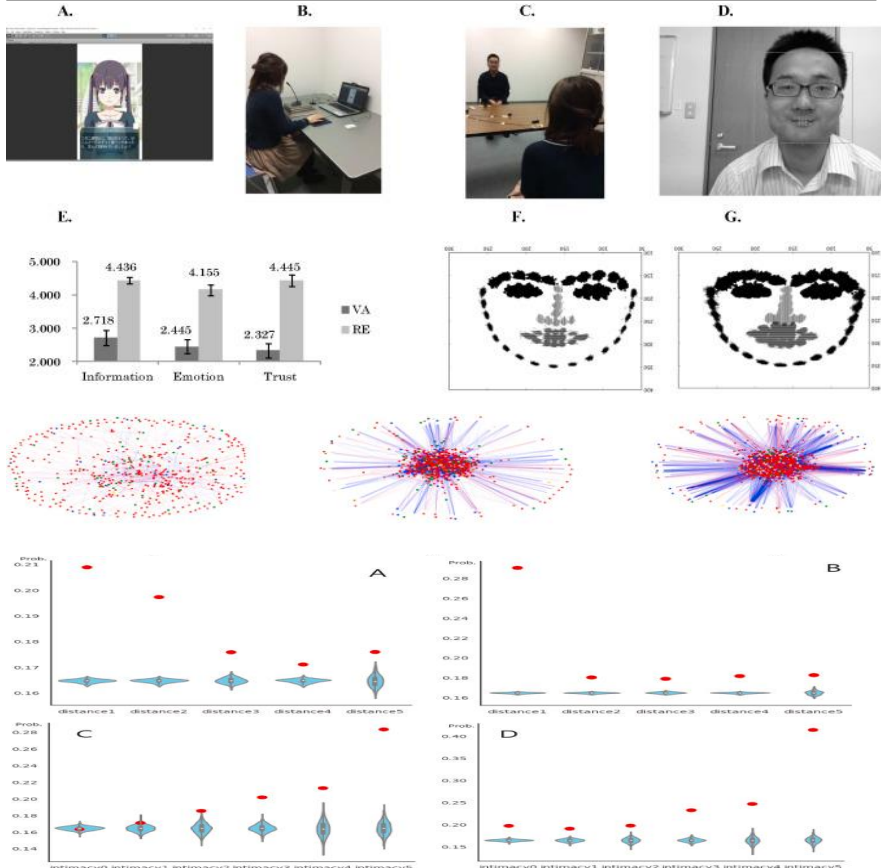
Associate Professor Yokotani Kenji

<Research in Progress>

From the perspective of applying machine learning to clinical psychology, I am focusing on speech analysis in virtual communities and social networks.

My recent research has focused on

- 1) Effects of mental health promotion in virtual communities
- 2) Effects of online self-help groups on gambling disorders



<Publications>

- Yokotani, K., Takano, M. Social Contagion of Cyberbullying via Online Perpetrator and Victim Networks, Computers in Human Behavior, in press.
- Yokotani, K., Takano, M. Differences in Victim Experiences by Gender/Sexual Minority Statuses in Japanese Virtual Communities, Journal of Community Psychology, in press.
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<Collaborative Research/Projects with Industry, Government, and the Local Community >

- A study of the mental health benefits of virtual communities. CyberAgent <https://www.cyberagent.co.jp/akihabaralabo/collaborativeproject/>

Research Field : Clinical Psychology

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