

Funded by



Bravo/JEA/SNSF Workshop on Using Data to Make Decisions

19th – 20th July 2023

at Joukowski Conference Forum (Room 155), Watson Institute (111 Thayer St)

Brown University

Wednesday, 19th July

9:00 – 9:25 Coffee/Breakfast and registration

9:25 – 9:30 Opening Remark

Session 1: Chair, Toru Kitagawa

9:30 – 10:15 **Keisuke Hirano** (Penn State) “Asymptotic Representations for Sequential Decisions, Adaptive Experiments, and Batched Bandits” (joint with Jack Porter)

10:15 – 11:00 **Daido Kido** (Kyoto University) “Asymptotically Optimal Statistical Treatment Rules under Partial Identification”

11:00 – 11:20 Coffee Break

Session 2: Chair, Aleksey Tetenov

11:20 – 12:05 **Charles Manski** (Northwestern) “Using Limited Trial Evidence to Credibly Choose Treatment Dosage when Efficacy and Adverse Effects Weakly Increase with Dose”

12:05 – 13:15 Lunch Break

Session 3: Chair, Jiaying Gu

13:15 – 14:00 **Kosuke Imai** (Harvard) “Safe Policy Learning through Extrapolation: Application to Pre-trial Risk Assessment” (joint with Eli Ben-Michael, James Greiner and Zhichao Jiang)

14:00 – 14:45 **Lihua Lei** (Stanford) “Policy Learning under Biased Sample Selection” (joint with Roshini Sahoo and Stefan Wager)

14:45 – 15:05 Coffee Break

Session 4: Chair, Jon Roth

15:05 – 15:50 **Kohei Yata** (Wisconsin-Madison) “Optimal Decision Rules Under Partial Identification”

15:50 – 16:35 **Liyang Sun** (UCL) “Adapting to Misspecification” (joint with Tim Armstrong and Pat Kline)

16:35 – 17:20 **Shosei Sakaguchi** (University of Tokyo) “Choosing Who Chooses: Selection-Driven Targeting in Energy Rebate Programs” (joint with Takanori Ida, Takunori Ishihara, Koichiro Ito, Daido Kido, Toru Kitagawa and Shusaku Sasaki)

18:30 - Conference Dinner @ Mills Tavern (101 North Main Street, Providence)

Thursday, 20th July

8:30 – 9:00 Coffee/Breakfast

Session 5: Chair, Lihua Lei

9:00 – 9:45 **Isaiah Andrews** (MIT) “GMM is Inadmissible Under Weak Identification” (joint with Anna Mikusheva)

9:45 – 10:30 **Adam McCloskey** (Colorado Boulder) “Inference for Interval-Identified Parameters Selected from an Estimated Set”

10:30 – 10:50 Coffee Break

Session 6: Chair, Liyang Sun

10:50 – 11:35 **Angela Zhou** (University of Southern California) “Robust Fitted-Q-Evaluation and Iteration under Sequentially Exogenous Unobserved Confounders” (joint with David Bruns-Smith)

11:35 – 12:20 **Maximilian Blesch** (Humbolt University Berlin) “Robust Decision-Making Under Risk and Ambiguity” (joint with Philipp Eisenhauer)

12:20 – 13:30 Lunch

Session 7: Chair, Soonwoo Kwon

13:30 – 14:15 **Davide Viviano** (Stanford/Harvard) “(When) Should You Adjust Inferences for Multiple Hypothesis Testing?” (joint with Kaspar Wuthrich and Paul Niehaus)

14:15 – 15:00 **Jose Montiel Olea** (Cornell) TBA

15:00 – 15:20 Coffee Break

Session 8: Chair, Davide Viviano

15:20 – 16:05 **Jiaying Gu** (Toronto) “A Dual Approach to Robust Counterfactuals”

16:05 – 16:50 **Guanyi Wang** (UCL) “Individualized Treatment Allocation in Sequential Network Games” (joint with Toru Kitagawa)

Closing and Adjourn