

July 2026

ORI PLONSKY

Curriculum Vitae

PERSONAL DETAILS

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Website: <https://oriplonsky.com/>

ACADEMIC DEGREES

Ph.D. 2017, Faculty of Industrial Engineering and Management, Technion.

Supervisors: Prof. Ido Erev (primary) & Dr. Kinneret Teodorescu (additional, as of 2016)

M.Sc. 2014, Faculty of Industrial Engineering and Management, Technion.

B.Sc. 2012, Faculty of Industrial Engineering and Management (Industrial Engineering and Management), Technion. Summa cum Laude.

B.A. 2012, Faculty of Industrial Engineering and Management (Economics and Management), Technion. Summa cum Laude.

ACADEMIC APPOINTMENTS

As of 06/2026 Associate Professor, Faculty of Data and Decision Sciences, Technion.

2020 – 2026 Senior Lecturer, Faculty of Data and Decision Sciences, Technion.

2018 – 2020 Visiting Lecturer, Faculty of Industrial Engineering and Management, Technion.

2017 – 2018 Post-Doctoral Associate, Center for Advanced Hindsight, Duke University

2016 – 2017 Researcher, The Israel Democracy Institute. Proportionality in public policy research project.

RESEARCH INTERESTS

- Behavioral decision making
- Behavioral economics
- Behavioral mechanism design
- Topics on the boundary of data science and social science
- Behavior modelling and prediction
- Applications of behavioral research to public policy

TEACHING EXPERIENCE

- Data Science Methods for Behavioral Science (Technion, 00980611, graduate core). Including course design and development.

- Behavioral Economics in Technological Environments (Technion, 00960606, graduate/undergraduate elective). Including course design and development.
- Introduction to Data Analysis in Python (Technion, 0960202/0940202, undergraduate core)
- Cognition and Decision Making (Technion, 096617, graduate/undergraduate elective).
- Behavioral Economics, Learning, and the Big Data Revolution (South Denmark University, Odense, Denmark. PhD-level course). Co-lecturer and co-designer of course

DEPARTMENTAL ACTIVITIES

As of 10/2025 Head of the Economics M.Sc. graduate program.

2021 - 2022 Advisor for 1st year undergraduate students in improper academic status

PUBLIC PROFESSIONAL ACTIVITIES

Editorial Board Member, Journal of Behavioral Decision Making (as of 2023)

Scientific Advisor, U.S.-Israel Binational Science Foundation. (2024/5)

Co-Organizer and Program Chair of the *Technion/iCORE Summer School on Decisions, Law, and the Big Data Revolution*. Haifa, Israel, August 2017.

Ad hoc reviewer for over 25 outlets and institutions including European Research Council, Nature Reviews Psychology, Nature Climate Change, Psychological Review, Management Science, Perspectives on Psychological Science, Journal of Experimental Psychology: General, Journal of Personality and Social Psychology, and International Conference on Machine Learning (ICML).

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Society for Judgement and Decision Making; European Association for Decision Making

FELLOWSHIPS, AWARDS AND HONORS

2025	Technion Excellent Teacher (top 4%) for 2024/5 Winter Semester (Behavioral Economics in Technological Environments)
2023	Technion Excellent Teacher (top 4%) for 2023 Spring Semester (Introduction to Data Analysis in Python)
2022	Technion Excellent Teacher (top 4%) for 2022 Spring Semester (Cognition and Decision Making)
2021	Hillel Einhorn New Investigator Award of the Society for Judgement and Decision Making
2021	Winner of The Choice Engineering Competition, an academic competition whose goal is to design an incentive mechanism that influences human choice best
2015 – 2016	Irwin and Joan Jacobs Fellowship
2014 – 2015	Excellence Scholarship from the Faculty of Industrial Engineering & Management

2013 – 2015	Three Technion Excellent Teacher Assistant Awards
2012 – 2013	Sherman Interdisciplinary Fellowship for Technion Graduate Students
2008 – 2012	Five Technion President's List
2011	Jacob Nahmani Award for final project in the quality field
2010	Elias Perlmutter Award for academic excellence
2009	Y. Grinblatt Award for academic excellence in operations research

GRADUATE STUDENTS

Primary supervision of students was only feasible as of Oct 2020

Completed MSc theses

Meghan Mergui, 2021. *Prediction of Individual Choice Behavior*. Main advisor: Tamir Hazan.

Currently senior data scientist at Intuit

Lilach Yona, 2021. *Learning to Cheat: The effect of experience on dishonest behaviors*. Main advisor: Kinneret Teodorescu. Currently UX/UI designer at Lnet.

Ori Akiva, 2022. *Predicting investors and stock behavior using behavioral features and machine learning*. Additional advisor: Ido Erev. Currently data scientist at Wenrix

Peter Ayoub, 2023. *Rare Events in Games*. Currently statistician at U. of Haifa

Rania Khoury, 2023. *Stock movements price prediction with behavioral features*. Additional supervisor: Margarita Osadchy (U. of Haifa). Currently program manager at Datahack

Vered Shoshan, 2023. *Improve human decisions prediction using deep neural networks*. Additional advisor: Tamir Hazan. Currently data scientist at MSD

Nitzan Strauss, 2023. *Cognitive limitations vs. cognitive sophistication: On the relationship between memory and underweighting of rare events*. Main advisor: Kinneret Teodorescu. Currently project manager at HP

Or David Agassi, 2023. *The importance of non-analytic models in decision making research*.

Eyal Marantz, 2025. *Using Large Language Models to Explore and Predict Human Choice from Verbal Description*. Currently data scientist at Vi.

Dana Shiponi, 2025. *When Less is More: Overcoming Algorithm Aversion with Less Accurate Advices*. Additional advisor: Yefim Roth (U. of Haifa).

Avishai Muallem, 2026. *An Unfair Justice: Will Bigger Punishment Decrease Enforcement Frequency?* Currently data analyst at Thing or Two.

PhD in progress

Lior Bakalo, *The Role of Common Outcomes in Strategic Games*, expected graduation 2028.

Additional supervisor: Todd Kaplan (U. of Haifa and U. of Exeter).

RESEARCH GRANTS

2022-2025 – Israel Science Foundation (grant no. 2390/22). *Understanding and predicting behavior in games with rare events*, 510,000 NIS.

2022 – Israel Science Foundation (grant no. 2391/22). *Establishment of the behavioral economics and data science lab*. 96,600 NIS.

2022-2024 - MIT International Science and Technology Initiatives Global Seed Funds,
Understanding the behavioral decision making behind chemical discoveries, 29,975 USD.
Co-PI: Heather Kulik.

PUBLICATIONS

* = Corresponding author (only when corresponding is not also first author); Student authors underlined

Unless stated otherwise: Principal contributor to the work is listed first, with other main contributors being the corresponding author and the author listed last. Other authors are listed in order of contribution.

Thesis

Ph.D. (2017). Choice Behavior in Unstable States.

Refereed papers in professional journals

Published papers

Plonsky, O., Teodorescu, K., & Erev, I. (2015). Reliance on small samples, the wavy recency effect, and similarity-based learning. *Psychological Review*, 122(4), 621–647.

Plonsky, O., & Erev, I. (2017). Learning in settings with partial feedback and the wavy recency effect of rare events. *Cognitive Psychology*, 93, 18-43.

Erev, I., Ert, E., **Plonsky, O.**, Cohen D., & Cohen O. (2017). From anomalies to forecasts: Toward a descriptive Model of decisions under risk, under ambiguity, and from experience. *Psychological Review*, 124(4), 369-409.

Plonsky, O., & Teodorescu *, K. Perceived patterns in decisions from experience and their influence on choice variability and policy diversification: A response to Ashby, Konstantinidis & Yechiam, 2017 (2020). *Acta Psychologica*, 202.

Plonsky, O., & Teodorescu, K. The influence of biased exposure to forgone outcomes (2020). *Journal of Behavioral Decision Making*, 1-15.

Cohen D., **Plonsky, O.**, & Erev, I. On the impact of experience on probability weighting in decisions under risk. (2020). *Decision*, 7(2), 153-162.

Erev, I., **Plonsky***, O., & Roth, Y. (2020). Complacency, panic, and the potential of gentle rule enforcement in addressing pandemics. *Nature Human Behaviour*, 4, 1095-1097.

Landy, J., et al. Crowdsourcing hypothesis tests: Making transparent how design choices shape research results (2020). *Psychological Bulletin*, 146(5), 451-479. (over 100 authors)

- Tierney W. et al. (2020). Creative destruction in science. *Organizational Behavior and Human Decision Processes*, 161, 291-309. (over 100 authors)
- Roth, Y., **Plonsky O.**, Shalev, E., & Erev, I. (2020). On the value of alert systems and gentle rule enforcement in addressing pandemics. *Frontiers in Psychology*, 11:577743
- Plonsky, O.**, Roth, Y., & Erev, I. (2021). Underweighting of rare events in social interactions and its implication to the design of voluntary health applications. *Judgement and Decision Making*, 16(2), 267-289.
- Plonsky, O.**, & Erev, I. (2021). To predict human choice, consider the context. *Trends in Cognitive Sciences*, 25(10), 819-820.
- Teodorescu K., **Plonsky, O.**, Ayal, S., & Barkan, R. (2021). Frequency of enforcement is more important than the severity of punishment in reducing violation behaviors. *Proceedings of the National Academy of Sciences*, 118(42), e2108507118. *Authors listed in order of contribution.*
- Plonsky, O.**, Chen, D. L., Netzer L., Steiner, T., & Feldman, Y. (2023). Motivational drivers for serial position effects: Evidence from high stakes legal decisions. *Journal of Applied Psychology*, 108(7), 1137-1156.
- Erev, I., Ert E., **Plonsky, O.**, & Roth, Y. (2023). Contradictory deviations from maximization: Environment-specific biases or reflections of basic properties of human learning? *Psychological Review*, 130(3), 640-676. *Author order, other than the 1st, is alphabetical.*
- Shoshan, V., Hazan, T., & **Plonsky*, O.** (2024). Using machine learning to create an adaptable, scalable, and interpretable behavioral model. *Decision*, 11(4), 652-667. doi: 10.1037/dec0000247
- Agassi, O. D., & **Plonsky*, O.** (2024). Beyond Analytic Bounds: Re-evaluating Predictive Power in Risky Decision Models. *Judgement and Decision Making*, 19, e35. doi:10.1017/jdm.2024.34
- Plonsky, O.**, Ayoub, P., & Roth, Y. (2025). Underweighting of Rare Events in Strategic Games. *Experimental Economics*, 1–27. doi:10.1017/eec.2025.3
- Shalvi, S., Levine, E. E., Thielmann, I., Jayawickreme, E., Van Rooij, B., Theodore, K., Schurr, A., Furr, M., Aglioti, S. M., Zettler, I., Cohen, T. R., Pittarello, A., Barkan, R., Köbis, N., Leib, M., Mitkidis, P., Schulz, J., Dimant, E., van Kleef, G. A., Ścigala, K. A., Rilke, R. M., Ayala, S., Beersma, B., **Plonsky, O.**, Hilbig, B., Weisel, O., Butera, F., Feldman, Y., Verschuere, B., Zanetti, C., Hochman, G., Kret, M. E., Peer, E., Capraro, V., Dorrough, A. R., Speer, S., & Ritov, I. (2025). The science of honesty: A review and research agenda. *Advances in Experimental Social Psychology*, 72, 241-327. doi: 10.1016/bs.aesp.2025.04.004
- Dan, O., **Plonsky, O.**, & Loewenstein, Y. (2025). Behavior engineering using quantitative reinforcement learning models. *Nature Communications*, 16(1), 4109.
- Plonsky, O.**, Apel, R., Ert, E., Tennenholtz, M., Bourgin, D., Peterson, J. C., Reichman, D., Griffiths, T. L., Russell, S., Carter, E. C., Cavanagh, J. F., & Erev I. Predicting Human Decisions with Behavioral Theories and Machine Learning. *Nature Human Behaviour*, 9, 2271-2284. doi: 10.1038/s41562-025-02267-6

Submitted papers

Plonsky, O., Shiponi, D., Hertz, U., & Roth, Y. Learning to choose between advisors, algorithmic and human, over repeated interactions.

Erev, I., **Plonsky, O.**, Roth, Y., & Hasan, E. When and which Cognitive Modeling Improves upon the Predictions of Pure Machine Learning Models?

Roth, Y., & **Plonsky, O.** Behavioral Stability Across Participation Times in Online Experiments.

Chapters in edited books

Published chapters

Erev, I., & **Plonsky, O.** (2023). The J/DM separation paradox and the reliance on small samples hypothesis. In K. Fiedler, P. Juslin, & J. Denrell (Eds.), *Sampling in Judgement and Decision Making* (pp. 115-130). Cambridge University Press.

Plonsky, O. & Erev, I. (2026). Prediction oriented behavioral research and its relationship to classical decision research. In G. Pogrebná & T. Hills (Eds.) *The Cambridge Handbook of Behavioral Data Science* (pp. 106-121). Cambridge University Press.

Refereed papers in conference proceedings

Published papers

Plonsky, O., Erev, I., Hazan, T., & Tennenholtz, M. (2017). Psychological Forest: Predicting human behavior. In *The Proceedings of the Thirty-first AAAI Conference on Artificial Intelligence (AAAI-17)*, 656-662.

Sobolev, M., Okeke, F., & **Plonsky, O.** (2023). mRAPID Study: Effect of micro-incentives and daily deadlines on practice behavior. In *Persuasive Technology 18th International Conference, Persuasive 2023 Proceedings*, 67-81.

Agassi, O. D., & **Plonsky, O.** (2023). The Importance of non-analytic models in decision making research: An empirical analysis using BEAST. In *Proceedings of the Annual Meeting of the Cognitive Science Society*, 45, 434-440

Marantz, E., & **Plonsky, O.** (2025). Predicting Human Choice Between Textually Described Lotteries. In *Proceedings of the Annual Meeting of the Cognitive Science Society*, 47, 5653-5659

Submitted papers

Horowitz, I., & **Plonsky, O.** LLM Agents Display Human Biases but Exhibit Distinct Learning Patterns.

Research reports and other publications

Plonsky, O., Apel, R., Erev, I., Ert, E., & Tennenholtz, M. (2018). When and how can social scientists add value to data scientists? A choice prediction competition for human decision making.

CONFERENCES

Plenary, keynote, or invited talks

Learning to choose between algorithmic and human advisors. The 10th Solomon Lew Conference in Behavioral Economics. Tel Aviv University, Israel, July 2026.

Predicting decisions to inform decisions. Data sciences as key tools for decision making (joint conference of IDSAI and ISOC-IL). Technion, Israel, February 2024.

Contingent sampling and the wavy recency effect of rare events. From individual to group decision making conference. Weizmann Institute of Science, Israel, May 2023.

Predictably Irrational? Can behavioral decision making research help predict human choice? Dagstuhl Seminar on Computational Social Dynamics. Dagstuhl, Germany, November 2022.

Best to be Last: Serial Position Effects in Legal Decisions in the Field and in the Lab. **Plenary talk** (Einhorn Award Lecture). The Annual Meeting of the Society for Judgement and Decision Making (SJDM). Virtual, February 2022.

Panel on Human Decisions. Invited panelist. Workshop on Human and Machine Decisions, NeurIPS 2021. Virtual. December 2021.

Best to be Last: Serial Position Effects in Legal Decisions in the Field and in the Lab. The 5th Collier Conference in Behavioral Economics. Tel Aviv, Israel, July 2021.

Behavioral phenomena and their relation to epidemics. **Plenary talk.** Bridging disciplinary divides for behaviorally modulated mathematical models in human epidemiology. Virtual conference sponsored by the National Science Foundation directorates of Mathematics (DMS) and Social, Behavioral and Economic Sciences (SBE). May 2021.

The influence of biased exposure to forgone outcome feedback. Workshop on Behavioural Operations and Behavioural Economics. Technion. May 2019.

The effect of sequence on repeated proportionality decisions. Proportionality in Public Policy: The Balance between Rights and Public Interests in Decision Making. Jerusalem, Israel, May 2019.

Behavioral decision research and its implications to the judiciary. Empowering internal resources: Workshop for Nazareth District Court Judges. Zikhron Yaakov, Israel, February 2019.

Psychological Forest: Predicting Human Behavior. PyData #16: Predicting humans with machines – sponsored by Playtika. Tel Aviv, Israel, October 2018.

On the value of aiming for accurate predictions. 1st Psyphas International Workshop: Psychological, and Other, Explanations. Haifa, Israel, February 2018.

Symposium on Economic decisions under ambiguity and psychological decisions from experience: Discussion. SPUDM26: Subjective Probability, Utility, and Decision Making Conference. Haifa, Israel, August 2017.

Invited seminar talks

Integrating Behavioral Theories and Machine Learning to Understand and Predict Initial vs. Repeated Choice. Digitization and Information Systems Seminar, Tel Aviv University, Israel. May 2026.

Integrating Behavioral Theories and Machine Learning to Understand and Predict Initial vs. Repeated Choice. College of Engineering, Carnegie Mellon University. Pittsburgh, PA. November 2025.

Integrating Behavioral Theories and Machine Learning to Understand and Predict Initial vs. Repeated Choice. Department of Psychology, The Ohio State University. Columbus, OH. November 2025.

Predicting human decisions with behavioral theories and machine learning. Modeling Talk Series, Alphabet/Google. Virtual, October 2025.

Integrating Behavioral Theories and Machine Learning to Understand and Predict Initial vs. Repeated Choice. Behavioral Research Seminar Series. Hebrew University, Israel. January 2025.

Bridging Behavioral Theories and Machine Learning for Better Predictions of Human Choice. Department of Economics and Management, Bielefeld University, Bielefeld, Germany. January 2025.

Integrating behavioral theories and machine learning to predict initial and repeated choice. Zelman Center for Cognition and Brain Sciences. Ben Gurion University, Israel. December 2024.

Predicting human decisions with behavioral theories and machine learning. Centre for Artificial Intelligence Decision-making and Action (CAIDA). ICICS, University of British Columbia, Vancouver, Canada. December 2024.

Predicting and understanding initial vs. repeated decisions. Behavioral Economics in Action at Rotman (BEAR). Rotman School of Management, University of Toronto, Toronto, Canada. December 2024.

Predicting human decisions with behavioral theories and machine learning. INSEAD Decision Sciences Seminar Series. Fontainebleau, France, February 2024.

Predicting human decisions with behavioral theories and machine learning. EconCS Seminar Series. Hebrew University, Israel. January 2024.

Predicting human decisions with behavioral theories and machine learning. University of Exeter BEAT (Behavioral, Experimental, and Applied Theory) Seminar Series. Virtual, November 2023.

Bridging the gap: Hybrid models for predicting decisions under risk and uncertainty. Decision Making and Economic Psychology (DMEP) Seminar. Ben Gurion University, Israel. March 2023.

Bridging the Gap: Hybrid Models Combining Behavioral Insights and Machine Learning for Improved Human Decision-Making Predictions Under Risk and Uncertainty. Decisions, Experience, and Behavior Seminar Series. Virtual, March 2023.

Predictably irrational? Can basic behavioral science help predict human behavior? General Motors Israel R&D seminar. Virtual, September 2022.

Reducing reckless behavior in a pandemic. Behavioral Economics seminar. IDC, Israel (virtual), March 2021.

Similarity-based learning and the wavy recency effect of rare events. Social, Economic, and Decision Psychology Research Seminar, University of Basel, Switzerland (virtual). March, 2021.

When both players choose dominated actions: Underweighting of rare events in two-player games. Game Theory Seminar, Technion (virtual). October 2020.

Best to Be Last: Serial Position Effects in Legal Decisions in the Field and in the Lab. Social Psychology Seminar, IDC, Israel (virtual). April 2020.

Best to Be Last: Serial Position Effects in Legal Decisions in the Field and in the Lab. Decision Making and Economic Psychology (DMEP) Seminar. Ben Gurion University, Israel. December 2019.

Contributed talks and posters

Plonsky, O., Apel, R., Ert, E., Tennenholtz, M., Bourgin, D., Peterson, J. C., Reichman, D., Griffiths, T. L., Russell, S., Carter, E. C., Cavanagh, J. F., & Erev I. *Predicting human decisions with behavioral theories and machine learning.* The Society for Judgement and Decision Making (SJDM) Annual Meeting 2025. Denver, CO, November 2025. Oral presentation.

Plonsky, O., Kedem, A., & Horowitz, I. *Do LLMs make decisions like humans? A cautionary tale using decisions from experience.* The Society for Judgement and Decision Making (SJDM) Annual Meeting 2025. Denver, CO, November 2025. Oral presentation.

Plonsky, O., Shiponi, D., Hertz, U., & Roth, Y. *Learning to be algorithm averse: People follow advisors that align with their biases.* SPUDM 2025: Subjective Probability, Utility, and Decision Making Conference. Lucca, Italy, August 2025. Oral presentation.

Plonsky, O., Shiponi, D., Hertz, U., & Roth, Y. *Learning to be algorithm averse: People follow advisors that align with their biases.* 21st Neuro Psycho Economics Conference. Dublin, Ireland, June 2025. Oral presentation.

Plonsky, O., Shiponi, D., Hertz, U., & Roth, Y. *Whom to Follow? Learning to Follow the Less Accurate Advisor.* Prague Conference on Behavioral Sciences 2025. Prague, Czech Republic, May 2025. Oral presentation.

Plonsky, O., Apel, R., Ert, E., Tennenholtz, M., Bourgin, D., Peterson, J. C., Reichman, D., Griffiths, T. L., Russell, S., Carter, E. C., Cavanagh, J. F., & Erev I. *Predicting human decisions with behavioral theories and machine learning.* NeurIPS 2024 - Workshop on Behavioral Machine Learning. Vancouver, Canada. December 2024. Poster presentation.

Plonsky, O., Hertz, U., & Roth, Y. *Learning to be algorithm averse: People follow advisors that align with their biases.* The Society for Judgement and Decision Making (SJDM) Annual Meeting 2024. New York City, NY, November 2024. Oral presentation.

- Plonsky, O., Hertz, U., & Roth, Y. *Appreciation to biased algorithms, and aversion from unbiased algorithms*. GfEW Annual Conference 2024. Cologne, Germany, September 2024. Oral presentation.
- Plonsky, O., Ayoub, P., & Roth, Y. *Underweighting of Rare Events in Strategic Games*. BSE Summer Forum on Computational and Experimental Economics. Barcelona, Spain. June 2024. Oral presentation.
- Plonsky, O., Apel, R., Ert, E., Tennenholtz, M., Bourgin, D., Peterson, J. C., Reichman, D., Griffiths, T. L., Russell, S., Carter, E. C., Cavanagh, J. F., & Erev I. *Predicting human decisions with behavioral theories and machine learning*. BSE Summer Forum on Computational and Experimental Economics. Barcelona, Spain. June 2024. Oral presentation.
- Plonsky, O. *Predicting human decisions with behavioral theories and machine learning*. SPUDM 2023: Subjective Probability, Utility, and Decision Making Conference. Vienna, Austria. August 2023. Oral presentation.
- Plonsky, O. *Predicting human decisions with behavioral theories and machine learning*. International Association for Research in Economic Psychology – Society for Advancement of Behavioral Economics (IAREP-SABE) 47th International Conference. Nice, France. June 2023. Oral presentation.
- Plonsky, O., Chen, D. L., Netzer L., Steiner, T., & Feldman, Y. *Motivational Drivers for Serial Position Effects: Evidence from High-Stakes Legal Decisions*. Behavioral Science and Policy Association Annual Conference. Virtual. May 2023. Oral presentation.
- Sobolev, M., Okeke, F., & Plonsky, O. *mRAPID Study: Effect of Micro-incentives and Daily Deadlines on Practice Behavior*. Persuasive Technology 2023. Eindhoven, Netherlands. April 2023. Oral presentation.
- Plonsky, O., & Roth, Y. *Underweighting rare events in repeated strategic games from experience*. The Annual Meeting of the Society for Judgement and Decision Making (SJDM). Virtual, February 2022. Poster presentation.
- Plonsky, O., Roth, Y., & Erev, I. *Underweighting rare events in social interactions and its implications to pandemics*. TIBER 2021 Symposium on Psychology and Economics. Tilburg, The Netherlands. August 2021. Oral presentation.
- Plonsky, O., & Roth, Y. *Underweighting rare events in repeated strategic games from experience*. SPUDM 2021: Subjective Probability, Utility, and Decision Making Conference. Virtual Conference. August 2021. Poster presentation.
- Plonsky, O., Teodorescu, K. *The influence of biased exposure to forgone outcome*. 2021 International Association for Research in Economic Psychology – Society for Advancement of Behavioral Economics (IAREP-SABE) Virtual Conference. June 2021. Oral presentation.
- Plonsky, O., Roth, Y., & Erev, I. *Underweighting of rare events in social interactions and its implication to the design of voluntary health applications*. 13th Maastricht Behavioral and Experimental Economics Symposium. Virtual. June 2021. Oral presentation.

- Plonsky, O., Roth, Y. Erev, I. *Reducing reckless behaviors in a pandemic*. Special online conference on experimental insights from behavioral economics on Covid-19. Virtual. February 2021. Oral presentation.
- Plonsky, O., Roth, Y. *When both players choose dominated strategies: underweighting of rare events in 2-person repeated games*. ESA Global Meeting. Virtual. September 2020. Oral presentation.
- Plonsky, O., Teodorescu, K. *The influence of biased exposure to forgone outcome*. Cognitive Economics: Virtual Conference. July 2020. Oral presentation.
- Plonsky, O., Chen, D. L., Netzer L., Steiner, T., & Feldman, Y. *Best to be last: serial position effects in legal decisions in the field and in the lab*. SPUDM 2019: Subjective Probability, Utility, and Decision Making Conference. Amsterdam, The Netherlands, August 2019. Oral presentation.
- Plonsky, O., Apel, R., Ert, E., Tennenholtz, M., Bourgin, D., Peterson, J. C., Reichman, D., Griffiths, T. L., Russell, S., Carter, E. C., Cavanagh, J. F., & Erev I. *Predicting human choice with behavioral theories and machine learning*. The first Workshop on Behavioral EC in conjunction with the 20th ACM Conference on Economics and Computation. Phoenix, AZ, June 2019. Oral presentation.
- Plonsky, O., Apel, R., Ert, E., Tennenholtz, M., & Erev I. *When and how can behavioral scientists add value to data scientists? Lessons learned from a choice prediction competition for human decision making*. The 39^h Annual Conference of the Society for Judgement and Decision Making. New Orleans, LA, November 2018. Oral presentation.
- Plonsky, O., Erev, I., Hazan, T., & Tennenholtz, M. *Psychological Forest: Integration of social and data sciences to predict human choice behavior*. SPUDM26: Subjective Probability, Utility, and Decision Making Conference. Haifa, Israel, August 2017. Oral presentation.
- Plonsky, O., & Erev, I. *The wavy recency effect of rare events and learning in different experimental settings*. MathPsych 2017. Warwick, England, July 2017. Oral presentation.
- Plonsky, O., Erev, I., Hazan, T., & Tennenholtz, M. *Psychological Forest: Integrating machine learning and psychology to predict choice behavior*. The 37th Annual Conference of the Society for Judgement and Decision Making. Boston, MA, November 2016. Oral presentation.
- Erev, I., Ert, E., Plonsky, O., Cohen, D., & Cohen, O. *Modelling choice behavior: Implications and lessons from a choice prediction competition*. Economic Science Association World Meeting. Jerusalem, Israel, July 2016. Oral presentation.
- Erev, I., Ert, E., Plonsky, O., Cohen, D., & Cohen, O. *From anomalies to forecasts: Toward a descriptive model of decisions under risk, under ambiguity, and from experience*. 7th Thurgau Experimental Economics Meeting on Cognitive Processes and Economic Decisions. Kreuzlingen, Switzerland, April 2016. Oral presentation.
- Plonsky, O., & Erev, I. *Reliance on small samples, the wavy recency effect, and similarity-based learning*. Coping with Difficult Decisions: An Experimental Economics Perspective. Dusseldorf, Germany, October 2015. Oral presentation.

Plonsky, O., Teodorescu, K., & Erev, I. *Reliance on small samples, the wavy recency effect, and similarity-based learning*. SPUDM25: Subjective Probability, Utility, and Decision Making Conference. Budapest, Hungary, August 2015. Oral presentation.

Erev, I., Ert, E., Plonsky, O. *Choice prediction competition for decisions under risk and ambiguity*. SPUDM25: Subjective Probability, Utility, and Decision Making Conference. Budapest, Hungary, August 2015. Oral presentation.

Plonsky, O., Teodorescu, K., & Erev, I. *Reliance on Small Samples, Cognitive Sophistication, and the Wavy Recency Effect of Rare Events*. The 35th Annual Conference of the Society for Judgement and Decision Making. Long Beach, CA, November 2014. Poster presentation.

Plonsky, O., & Erev, I. *Reliance on small samples in a dynamic world*. Learning, bounded rationality and decisions. Dead Sea, Israel, January 2014. Oral presentation.

Plonsky, O., & Erev, I. *Partially observable states and the tendency to rely on small samples*. SPUDM24: Subjective Probability, Utility and Decision Making Conference. Barcelona, Spain, August 2013. Oral presentation.

Contributed talks by graduate students

Bakalo, L., Kaplan, T., & Plonsky, O. *Using uncertainty to disrupt dominant strategies and foster cooperation*. 9th Solomon Lew Conference on Behavioral Economics. Tel Aviv, Israel. July 2025. Poster presentation. (Cancelled due to Israel-Iran war.)

Bakalo, L., Kaplan, T., & Plonsky, O. *Using uncertainty to disrupt dominant strategies and foster cooperation*. Efficient Markets Workshop. Beer Sheva, Israel. June 2025. Oral presentation. (Cancelled due to Israel-Iran war.)

Marantz, E., & Plonsky, O. *Predicting Human Choice Between Textually Described Lotteries*. The 47th Annual Meeting of the Cognitive Science Society (CogSci). San Francisco, CA. July 2025. Poster presentation.

Shiponi, D., Roth, Y., & Plonsky, O. *When Less Is More: Overcoming Algorithm Aversion with Less Accurate Advices*. The 11th Conference on Cognition Research of the Israeli Society for Cognitive Psychology (ISCOP). Akko, Israel. February 2025. Oral presentation.

Marantz E., & Plonsky O. *Neural Additive Models for Predicting Human Behavior*. Israel Data Science and AI Initiative (IDSAI) 3rd Annual Conference. June 2024. Zikhron Ya'akov, Israel. Poster presentation.

Agassi, O. D. & Plonsky, O. *The Importance of Complex Models in Decision Making Research: An Empirical Analysis using BEAST*. SPUDM 2023: Subjective Probability, Utility, and Decision Making Conference. Vienna, Austria. August 2023. Oral presentation.

Agassi, O. D. & Plonsky, O. *The Importance of Complex Models in Decision Making Research: An Empirical Analysis using BEAST*. The 45th Annual Meeting of the Cognitive Science Society (CogSci). Sydney, Australia. July 2023. Oral presentation.

Agassi, O. D. & Plonsky, O. *Context Effect in Decision-making Under Risk Through the Lens of BEAST*. The 10th Conference on Cognition Research of the Israeli Society for Cognitive Psychology (ISCOP). Akko, Israel. February 2023. Oral presentation.

Participation in organizing conferences

Technion Behavioral Data Science Symposium, Technion, January 2023, Co-organizer.