

HSI Researcher Publications, FY 23

Researcher	HSI Co-Author	Publication	Publication Year	Publication Title
Dimitris Bertsimas		Naval Research Logistics	2022	Ensemble Machine Learning for Personalized Antihypertensive Treatment
Dimitris Bertsimas	Nikos Trichakis	Operations Research	2022	Forecasting COVID-19 and Analyzing the Effect of Government Interventions
Joseph Doyle		New England Journal of Medicine Catalyst	2022	The Role of State Policy in Fostering Health Information Exchange in the United States
Jónas Jónasson		European Journal of Operations Research	2022	Vaccine supply chains in resource-limited settings: Mitigating the impact of rainy season disruptions
Jónas Jónasson	Erez Yoeli	British Medical Journal Global Health	2022	Can Digital Adherence Technologies Reduce Inequity in Tuberculosis Treatment Success? Evidence from a Randomised Controlled Trial
Jónas Jónasson		Manufacturing and Service Operations Management	2023	Redesigning Sample Transportation in Malawi Through Improved Data Sharing and Daily Route Optimization
Jónas Jónasson		Management Science	2023	Robust Combination Testing: Methods and Application to COVID-19 Detection
Katherine Kellogg		Frontiers in Psychiatry	2022	Pragmatic AI-augmentation in Mental Healthcare: Key Technologies, Potential Benefits, and Real-world Challenges and Solutions for Frontline Clinicians
Katherine Kellogg		MIT Sloan Working Paper	2022	Why Providing Humans with Interpretable Algorithms May, Counterintuitively, Lead to Lower Decision-making Performance
Erin Kelly		Industrial and Labor Relations Review	2023	Working from Home and Worker Well-being: New Evidence from Germany

Researcher	HSI Co-Author	Publication	Publication Year	Publication Title
Andrew Lo		Review of Corporate Finance Studies	2022	Sharing R&D Risk in Healthcare via FDA Hedges
Andrew Lo		Journal of Investment Management	2022	Financing Vaccines for Global Health Security
Andrew Lo		MIT Sloan Working Paper	2023	Estimating the Financial Impact of Gene Therapy in the U.S.
Andrew Lo	Dimitris Bertsimas	MIT Sloan Working Paper	2023	Accelerating Vaccine Innovation for Emerging Infectious Diseases via Parallel Discovery
Alexey Makarin		MIT Sloan Working Paper	2022	The Impact of Dating Apps on Young Adults: Evidence from Tinder
Alexey Makarin		American Economic Association	2022	Social Media and Mental Health
Georgia Perakis		MIT Sloan Working Paper	2022	Care Coordination for Healthcare Referrals under a Shared-savings Program
Georgia Perakis		Manufacturing and Service Operations Management	2022	COVID-19: Prediction, Prevalence and the Operations of Vaccine Allocation
Hazhir Rahmandad		System Dynamics Review	2022	Quantifying the COVID-19 Endgame: Is a New Normal within Reach?
Erez Yoeli	Jónas Jónasson	British Medical Journal Global Health	2022	Digital Health Support in Treatment for Tuberculosis