Reza Yaesoubi, PhD
Assistant Professor
Department of Health Policy and Management
Yale School of Public Health

“Adaptive guidelines for the treatment of gonorrhea infection to increase the effective lifespan of antibiotics”

Dr. Yaesoubi’s research focuses on medical decision making and model-based evaluation of health policies. His work incorporates mathematical and computer simulation models, statistical methods, and optimization techniques to guide resource allocation and decision making in public health and health delivery systems. He has applied these methods in conducting cost-effectiveness analysis of various health strategies including: colorectal cancer screening, tuberculosis control measures, school-closure policies during outbreaks, and influenza and meningococcal vaccine policies. His current work mainly focuses on adaptive decision making to control the spread of infectious diseases including tuberculosis, influenza, and gonorrhea.