Health Care Economics: Cost-effectiveness Alongside Clinical Trials

Paul Kolm, PhD
Associate Director, Department of Biostatistics and Biomedical Informatics, MedStar Health Research Institute

Costs have become an important factor in medical decision making. New therapies, treatments, medications, etc. to improve health come with a cost – often higher than the current standard of treatment. Cost-effectiveness analysis (CEA) assesses cost vs. benefit in terms of willingness to pay thresholds. We will discuss CEA concepts and statistical methods for patient-level data.