Professor Sudeep Bhatia (University of Pennsylvania)

Harvard Behavioral & Experimental Economics Workshop

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“Representation and Representativeness”

Abstract:

I discuss how insights from cognitive science and artificial intelligence can be used to build models of judgment and decision making with human-like knowledge representations. In addition to specifying the psychological mechanisms people use to form beliefs and preferences, these models also represent the information on which these psychological mechanisms operate. Subsequently, they are able to deliberate over and respond to a large variety of naturalistic decision problems, and moreover, mimic human responses to these problems. These models shed light on the processes at play in everyday decision making, and illustrate a novel approach to predicting real-world behavior.

 (There is no paper.)