Class 3 Outline

1. Ontario Gateway
   • Background
   • Insurance options
   • Probability model
   • Simulation model
   • Results and discussion

2. Discrete-event Framework
Insurance Model

• Each insurance policy can be represented graphically by a curve in the plane:

Actual Cost to You

Value of Losses
Class 3 Wrap-Up

Industrial decision-making is interdisciplinary

Industrial Problem → Contextual knowledge (Operations, Finance, Accounting) → Methodological skills (Probability, Optimization) → Decision Model → Decision → Software Implementation (Solver, Crystal Ball®, Simul8®, …) → Output Analysis (Sensitivity Analysis, Statistics)

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