Lesson 5: Models and solutions

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September 25, 2021

Models, solutions, values

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Decision rules:
- apply to models
- produce solutions

Example (Maximin)
- solution is E
- value is -1
Evaluating decision models

Information

Alternatives:
- E
- D

Additional alternatives:
- if o, then E; otherwise D
- if o, then D; otherwise E
Contingency plans

-1
D 30

E -1

E -1
-10
D

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if o, then E; otherwise D
if o, then D; otherwise E

Definition (Contingent action)
A contingent action or conditional action is an action that combines other actions depending on a contingency or condition. A contingent action is also called a strategy or plan.

Information sets

-1
D 30

o
E -1

E -1
-10
D

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-10
D

E -1

-10
D

E -1