

2) Condition

(d)

Multiple models
for $p(\Omega|M_k)$:
 $\{M_1, \dots, M_K\}$

(a)

Candidate decisions
 $\mathbf{x} = \{x_1, x_2, \dots, x_I\}$

(b)

Many possible futures
 $\mathbf{s} \in \Omega = \{s_1, \dots, s_J\}$

1) Explore

(c)

System model
 $u_{ij} = f(x_i, s_j)$

(e)

Conditional
distribution
over outcomes
 $p(u|x_i, M_k)$

(f)

Weights
 $\mathbf{w} = \{w_1, \dots, w_J\}$

3) Synthesize

