

(d)

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

(a)

Candidate decisions  
 $\{x_1, x_2, \dots, x_I\}$

**Condition (§4)**

(b)

Many  
Simulated futures  
 $\{s_1, \dots, s_J\} \in \Omega$

*Explore (§3)*

(c)

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

(e)

Conditional  
distribution  
over outcomes  
 $\hat{p}(u|x_i, M_k)$

(f)

Weights  
 $w_1, \dots, w_J$

**Synthesize (§5)**

