

Agent

(internal) Generative Model
 $P(s, o) = P(o|s)P(s)$

$$P(o) = \int_S P(o|S)P(S)dS$$

Probability of outcome
given prior beliefs

Environment

Generative Process : $P^*(s^*, o)$

True state s^* ,
causes outcome

O

$P(o)$