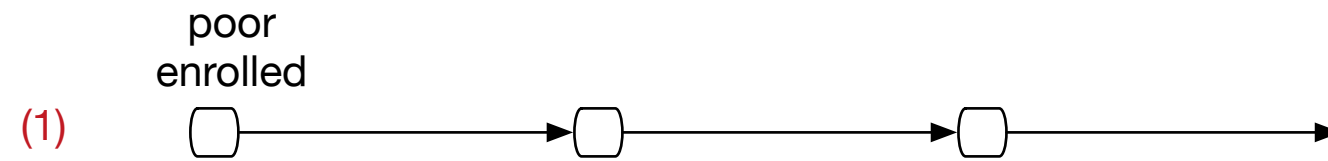
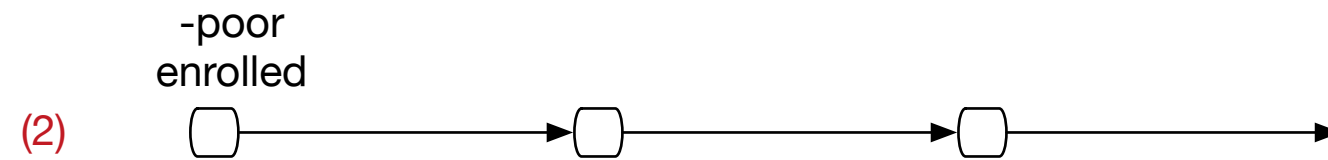


True history of the world - described by an action theory



Action theory:

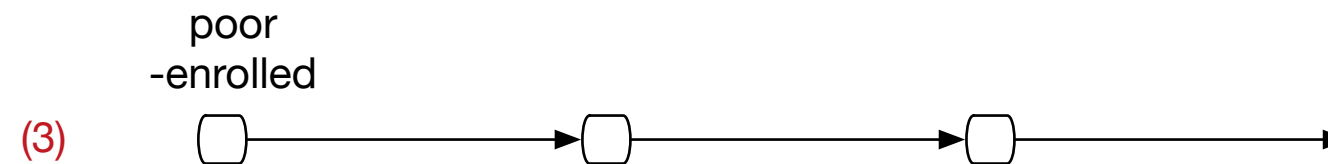
enroll executable_if -poor
enroll causes enrolled



With no observations about fluents, action occurrences,

if we hear the statement “john is poor” (encoded as **stm(poor)**)
and we have the default that we believe people if nothing contrary
is known

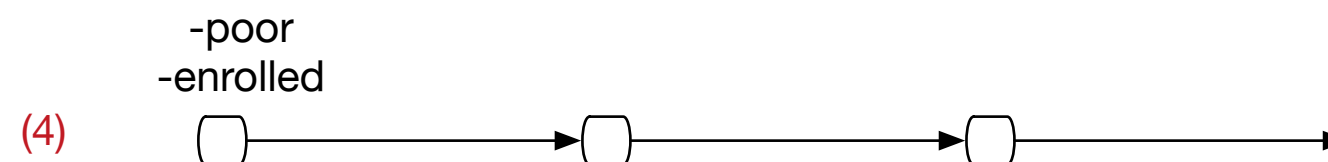
default(poor, [stm(poor)])



we will conclude that

* (2) & (4) are not likely the possible histories and

* the statement is true at time 0.



* we could use believe(poor) to say that this is our belief, it
might not be the real state of the world