State Type: \textit{atisEquifinality}

(State type is part of the metatheory and describes configurations and properties that characterize a state of that type.)

\textbf{Equifinality}, \(\text{EQ} \mathcal{S} \), \(=_{df}\) a system that is behavior-predictable from more than one preceding system behavior.

\[ \text{EQ} \mathcal{S} =_{df} \mathcal{S} \mid \mathcal{B}_1(\mathcal{S})_{t(1)} \lor \mathcal{B}_2(\mathcal{S})_{t(1)} \lor \ldots \lor \mathcal{B}_n(\mathcal{S})_{t(1)} \models \mathcal{B}(\mathcal{S})_{t(2)} \]

\textbf{Equifinality} is a system such that various system behaviors at time \(t_1\) yield the system behavior at time \(t_2\). The behavior of a system that results from equifinality is absolutely predictable from any of the preceding system behaviors. Equifinality determines the predictability of system behavior from more than one preceding system behavior.

\textbf{Equifinality} can also be applied to achieving the same output from different inputs, and as the result of different derived production processes.

\textbf{Examples:} The education system of the United States exhibits equifinality; that is, there are numerous distinct school systems that result in comparable student output.