



The initial state

Blue text

A description of the state



A signal is produced by the agent in the state

Red text

A condition that causes a transition to another state

ALL CAPS

A signal that causes a state transition

Magenta text

A state transition that involves addition of agents

Some input value

An input parameter value

Initialization

Conditions existing at the beginning of a simulation run



A state transition, usually annotated with what causes it

Zone X

An arrow to/from a box like this indicates migration to/from another Zone



A final state, death

Additional file 1: State Diagram Key.

All of the state diagrams for the behavior of the agents use the same symbols. Any input parameters referred to from Additional file 17 are underlined.