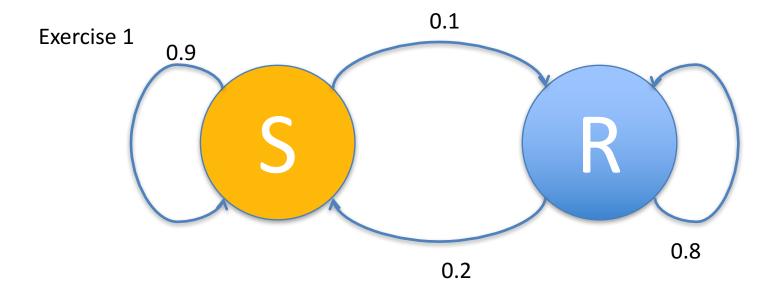
Markov Chains

Is a probabilistic model describing process developing as a sequence of "memoryless" events.

The meaning of "memoryless" is that the probability distribution of the next state depends only on the current state and not on the sequence of events that preceded it.



$$P(R1) = ?$$

$$P(R2) = ?$$

$$P(R3) = ?$$

$$P(S_{\infty}) = \lim_{t \to \infty} P(S_t)$$

Exercise 2: Hidden Markov model

