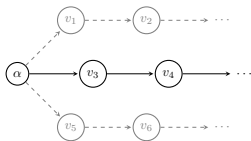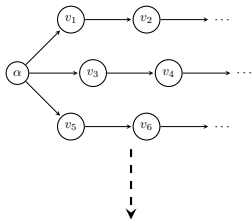Real system dynamics

Partial observation