Reinforcement Learning with Decision Trees

\begin{equation}
V(s) = \max_a \left( R(s, a) + \gamma \sum_{s'} P(s, a, s') V(s') \right)
\end{equation}

\begin{equation}
\sum_{i=1}^{\infty} \gamma^i R(s_i)
\end{equation}
Reinforcement Learning with Decision Trees

Optimal Strategy:

s - a

=> Still simple enough
Still simple?
Should I bring an umbrella?
Reinforcement Learning with Decision Trees

Two Papers:

Decision Tree Function Approximation in Reinforcement Learning

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Conservative Q-Improvement: Reinforcement Learning for an Interpretable Decision-Tree Policy

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