

Practice Quiz

← Back Graded Assignment • 30 min

🌐 English ▾ Due Jun 18, 11:59 PM +07

Your grade: 100%

Your latest: 100% • Your highest: 100%

To pass you need at least 80%. We keep your highest score.

Next item →

1. What is the target policy in Q-learning?

1 / 1 point

☐ ϵ -greedy with respect to the current action-value estimates

☒ Greedy with respect to the current action-value estimates

✔ Correct

Correct! Q-learning’s target policy is greedy with respect to the current action-value estimates.
2. Which Bellman equation is the basis for the Q-learning update?

1 / 1 point

☐ Bellman equation for state values

☐ Bellman equation for action values

☐ Bellman optimality equation for state values

☒ Bellman optimality equation for action values

✔ Correct

Correct! The Q-learning update is based on the Bellman optimality equation for action values.
3. Which Bellman equation is the basis for the Sarsa update?

1 / 1 point

☐ Bellman equation for state values

☒ Bellman equation for action values

☐ Bellman optimality equation for state values

☐ Bellman optimality equation for action values

✔ Correct

Correct! The Sarsa update is based on the Bellman equation for action values.
4. Which Bellman equation is the basis for the Expected Sarsa update?

1 / 1 point

☐ Bellman equation for state values

☒ Bellman equation for action values

☐ Bellman optimality equation for state values

☐ Bellman optimality equation for action values

✔ Correct

Correct! The Expected Sarsa update is based on the Bellman equation for action values.