Correct!

4. **Which of the following is true about softmax policy? (Select all that apply)** 1 / 1 point

- [ ] It cannot represent an optimal policy that is stochastic, because it reaches a deterministic policy as one action preference dominates others.
- [x] It can be parameterized by any function approximator as long as it can output scalar values for each available action, to form a softmax policy.

Correct
Correct. It can use any function approximation from deep artificial neural networks to simple linear features.

- [ ] Similar to epsilon-greedy policy, softmax policy cannot approach a deterministic policy.
- [x] It is used to represent a policy in discrete action spaces.

Correct
Correct!

5. **What are the differences between using softmax policy over action-values and using softmax policy** 1 / 1 point