
Optimistic initialization of parameterized value functions using a neural network

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Abstract

Optimistic initialization of value functions is a popular approach to exploration in tabular reinforcement learning. However, it is rarely analyzed in deep reinforcement learning. We explore this problem through a parameterized value function using linear neural networks and compare our results to existing popular learning algorithms.

1. Introduction

1.1. Submitting Papers

2. Background

3. Research Question

4. Experimental Design

5. Contributions

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Preliminary work. Under review by the International Conference on Machine Learning (ICML). Do not distribute.