

Paper summary: DrQ: Image augmentation is
all you need: regularizing deep reinforcement
learning from pixels

May 5, 2022

- 1 Idea in few sentences**
- 2 Explanation of the central concept**
- 3 Methodology**
- 4 Initial rambly notes**

4.1 Abstract

The paper introduces a data augmentation technique that can be applied to standard model-free rl algorithms. It enables robust learning without auxiliary losses or pre-training. The technique elevates performance of ex. SAC when learning from pixels (in the sense of maximizing the return) and improves data-efficiency of DQN.

4.2 Introduction

4.3 Method

4.4 Other stuff