

Benchmarking Model-Based Reinforcement Learning

Wang et al. (2019)

- Tested various algorithms on 18 gym environments
- Comparison is difficult
 - Different assumptions about environments and their rewards...
 - Characteristics and hyperparameters of algorithms
 - Benchmarking on episode or time basis

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- Issues:
 - Only 4 runs/ seeds per environment and algorithm
 - Incomplete hyperparameter searches
 - No versioning of environments
 - Adapting environments to certain algorithms contradicts benchmarking idea
- Rejected but still cited
- Survey of Model-Based Reinforcement Learning: [Moerland et al. \(2022\)](#)