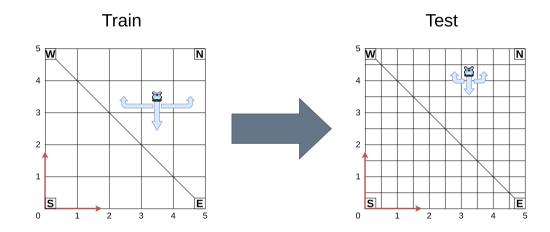
DRL experiments plan

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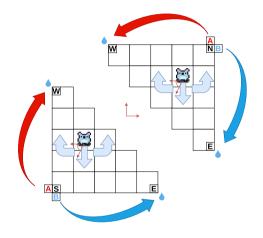
1) Does the network learn a coordinate system?

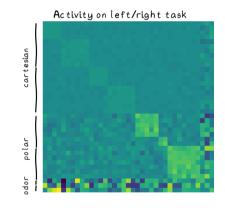
- Redundant spatial input? Only Cartesian/ polar input?
- Expected → Same performance on the discretized version with zero shot learning
- Expected → Discretized policy looks similar

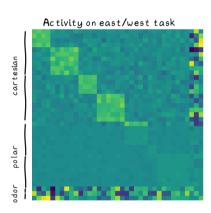


2) How the constraints of the task impact the representations learned?

- Where to put the coordinate systems?
- How many coordinate systems?







3) Does having redundant spatial input make the agent more robust in a noisy environment?

- Conflicts with experiment 2?
- Train with noise?
- May need another architecture to solve this task (Generative Adversarial Network?
 Denoising Autoencoder?)
- Expected → Robust but degraded performance

