Action2vec: Action embeddings

- Action spaces are often specific for environments but have common characteristics

- Often action patterns are present e. g. brake and steer

- Models rely on natural language or have to be adapted to the simulated environment

- Embed actions for better generalization or adaptation of models to new environments

Action2vec: Action embeddings

- Assumption: Actions depend on their action context in action sequences

- Learn embedding model based on "super"-action-space

- Actions of new environments are either included in predefined actions or can be composed of them