



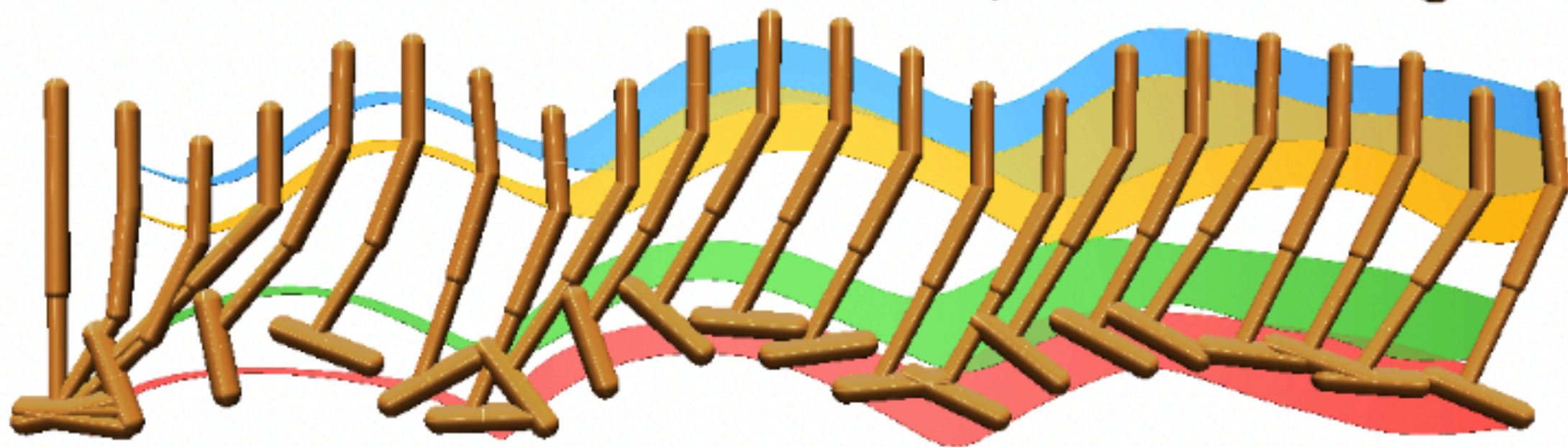
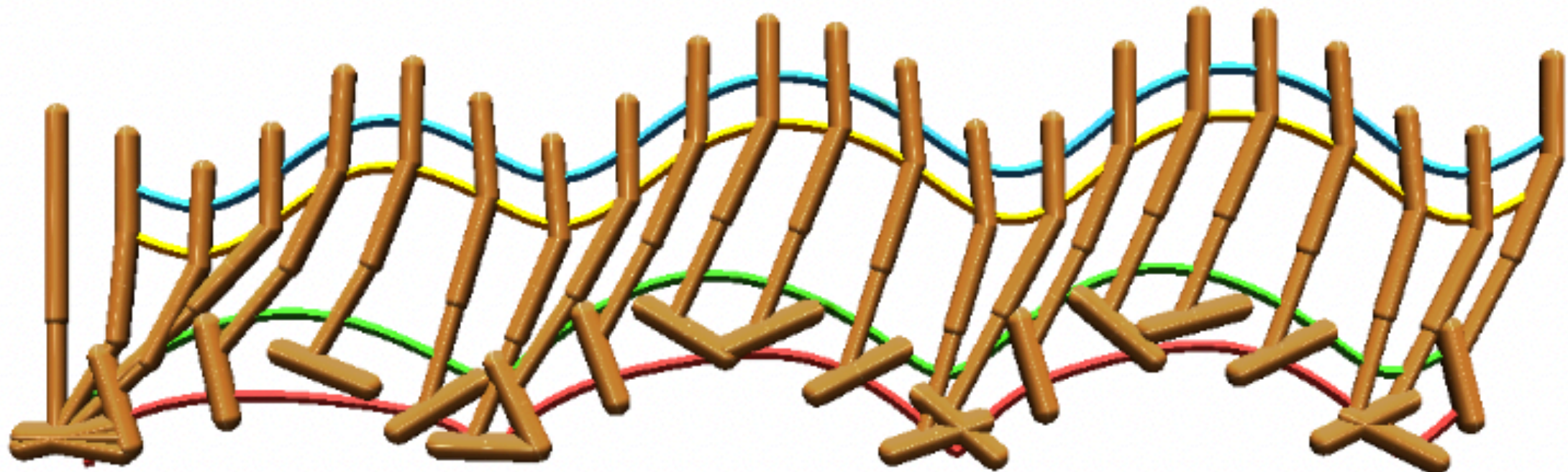
**FCAI**

**fcai.fi**

Model Bias

3

9



# Overfitting in model-based RL

Exacerbated by compounding error

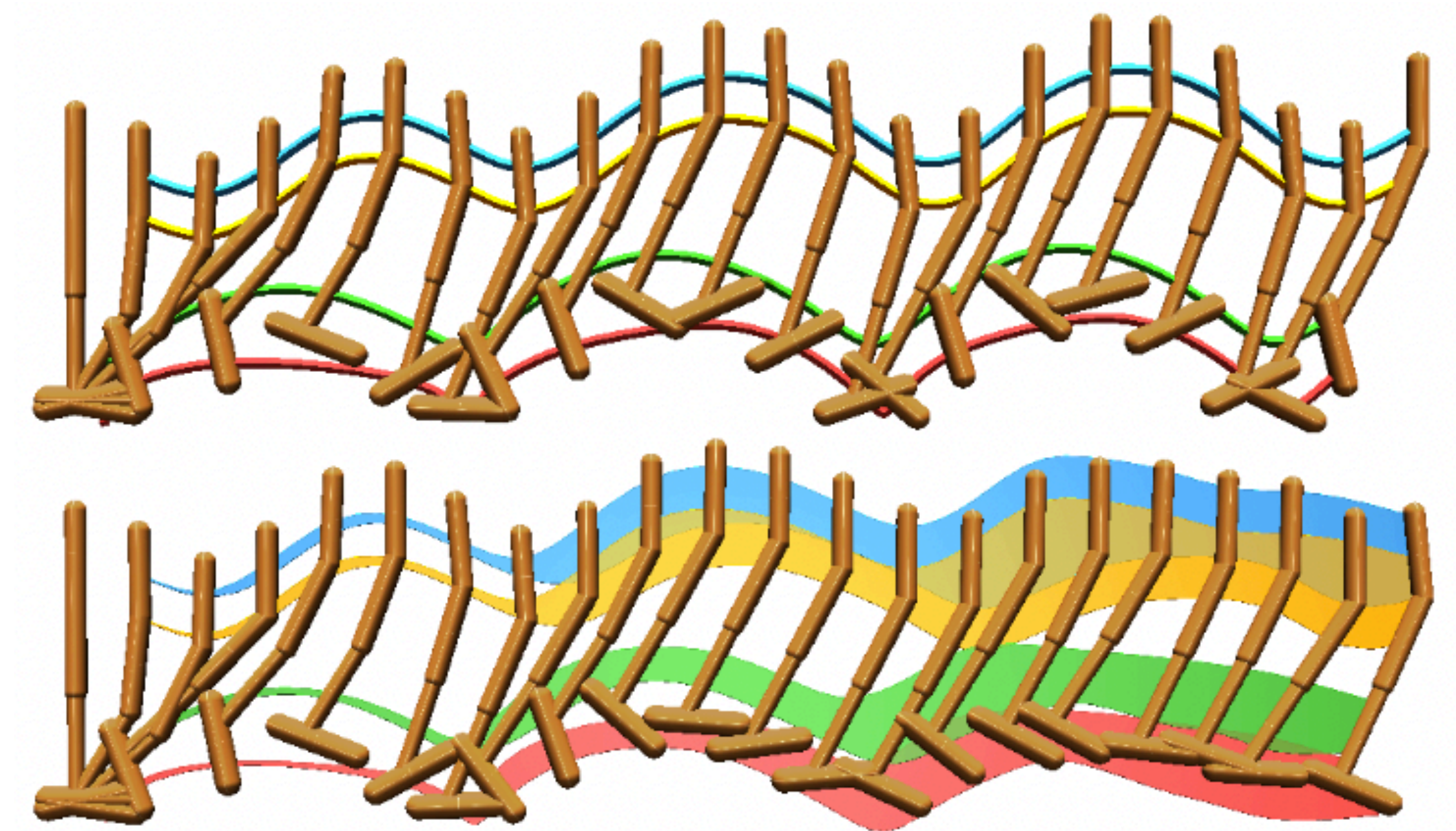
Santer, et al (2019) When to trust your model: Model-based policy optimization NeurIPS



# Model Bias

Overfitting in model-based RL

Exacerbated by compounding error



# Model Averaging

$$\pi^{Greedy} = \arg \max_{\pi} \mathbb{E}_{p(f|\mathcal{D})} \left[ J(\pi; f) \right]$$

PILCO, PETS, etc

Combats model bias