



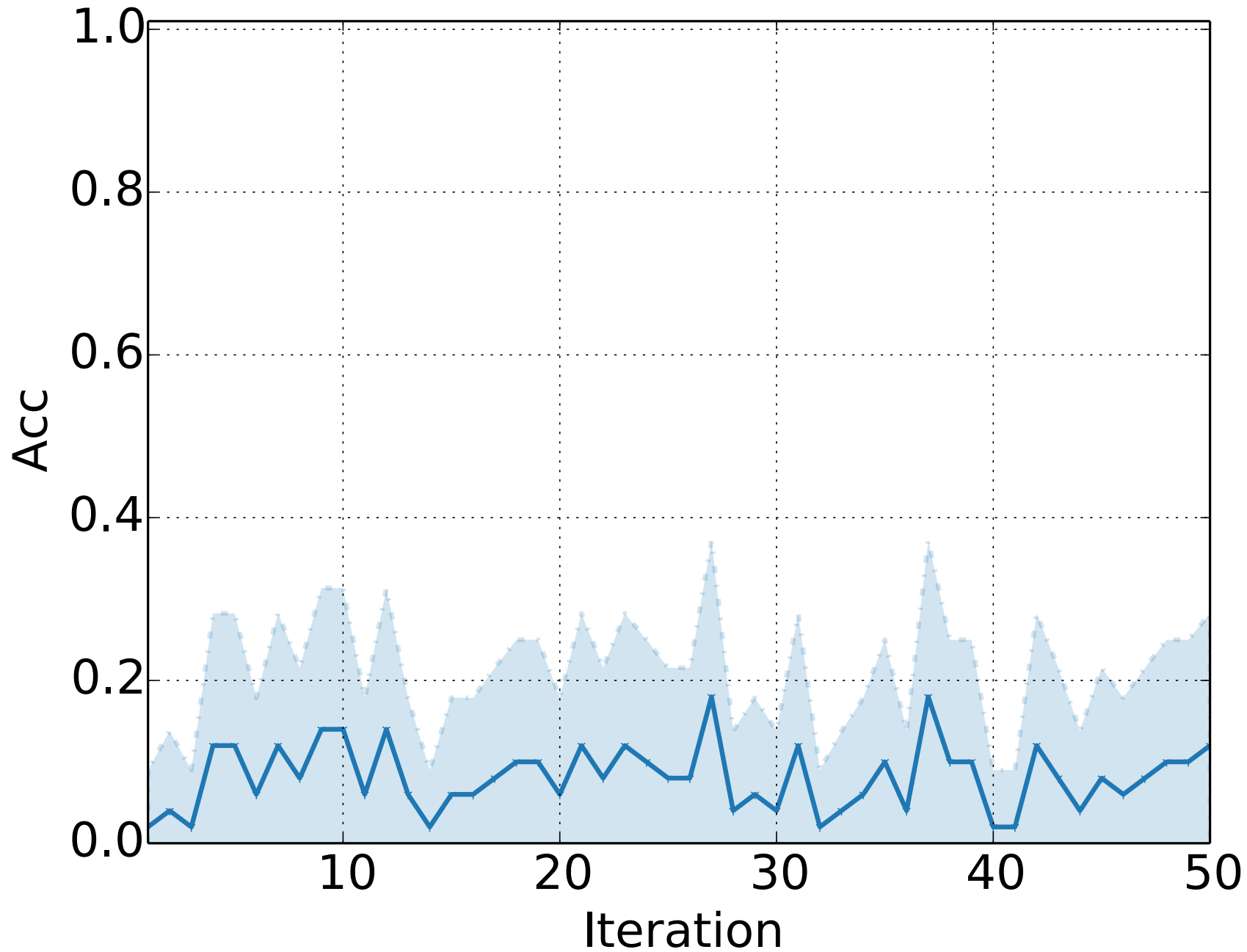
Zi Wang (MIT CSAIL)

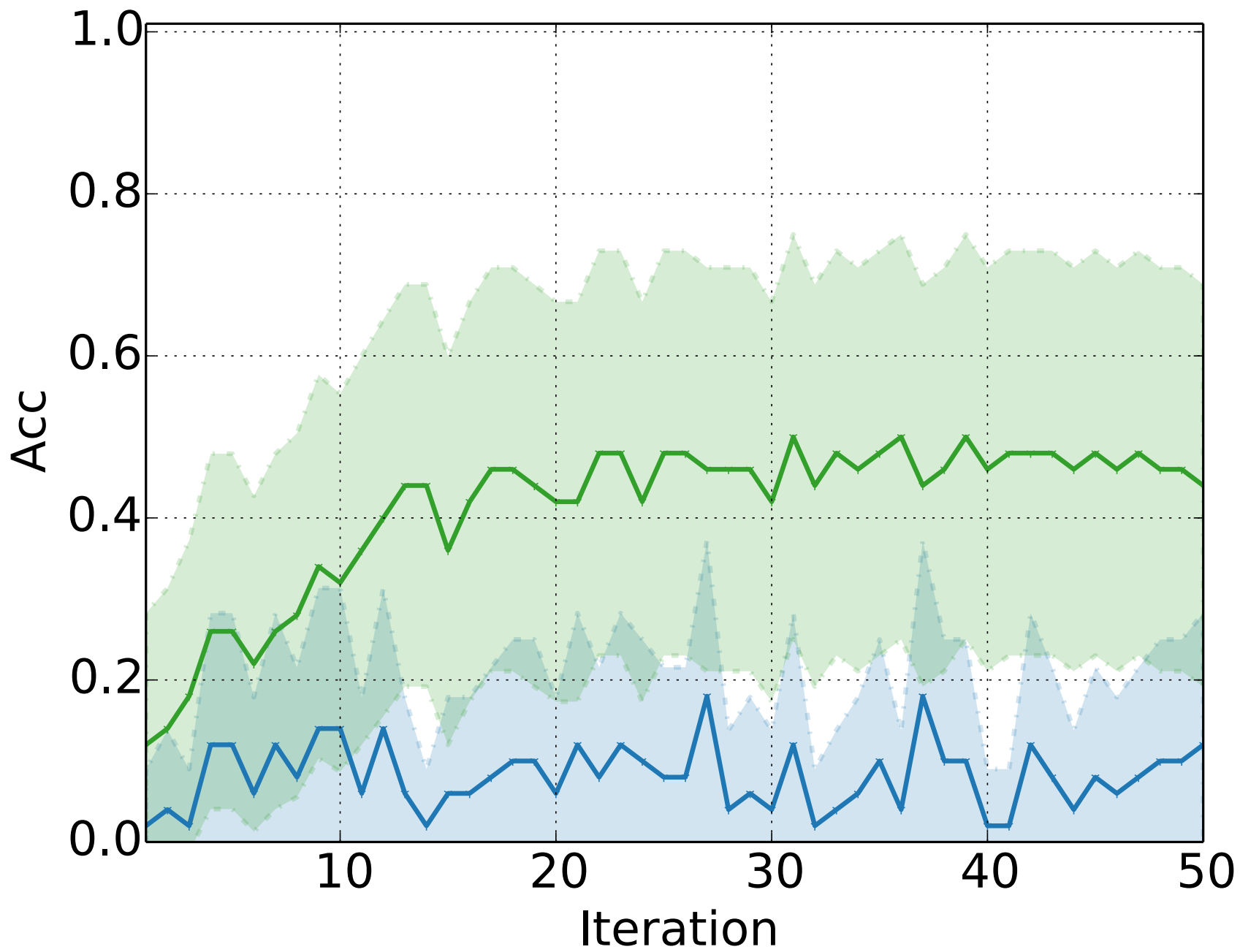
Robot Learning

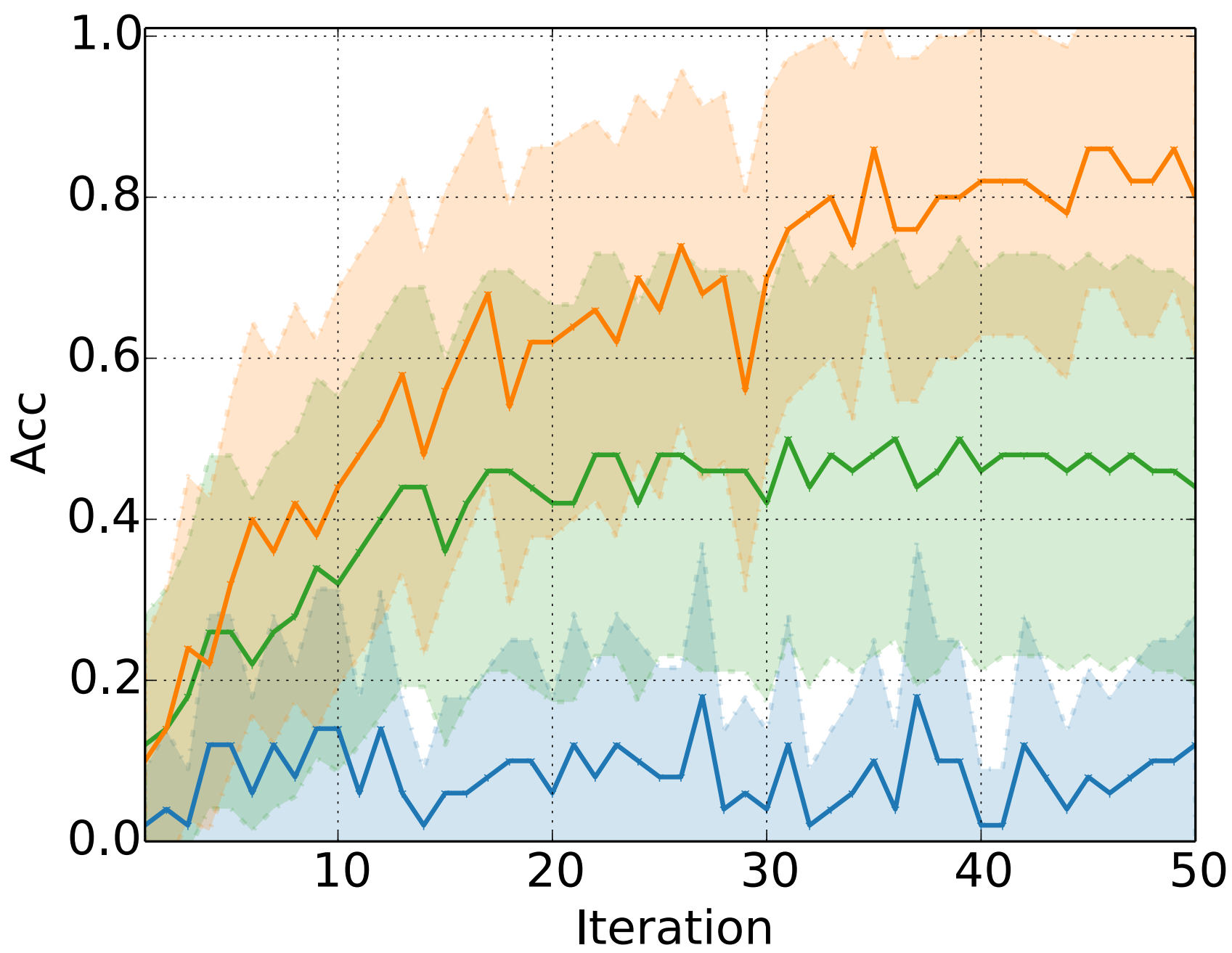


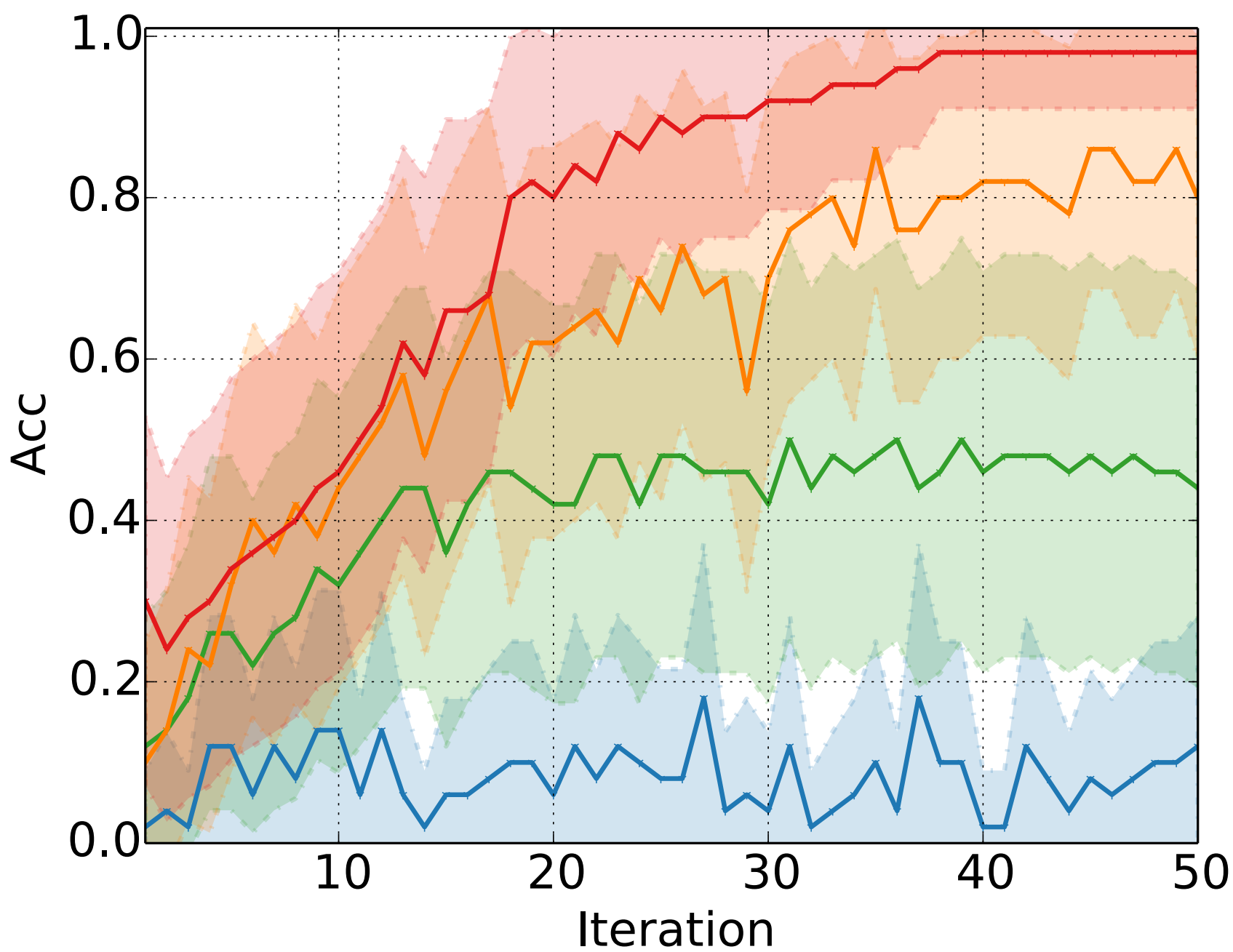


Activive selecti on is data efficient











randomly chosen

 neural network classifier*

 neural network regression*



GP active learning

#Training examples

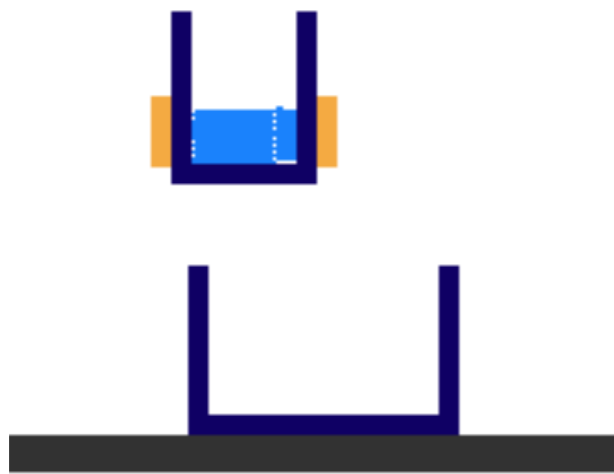
Success rate of recommended 'pour'

[Kaelbling & Lozano-Perez, ICRA 2017]

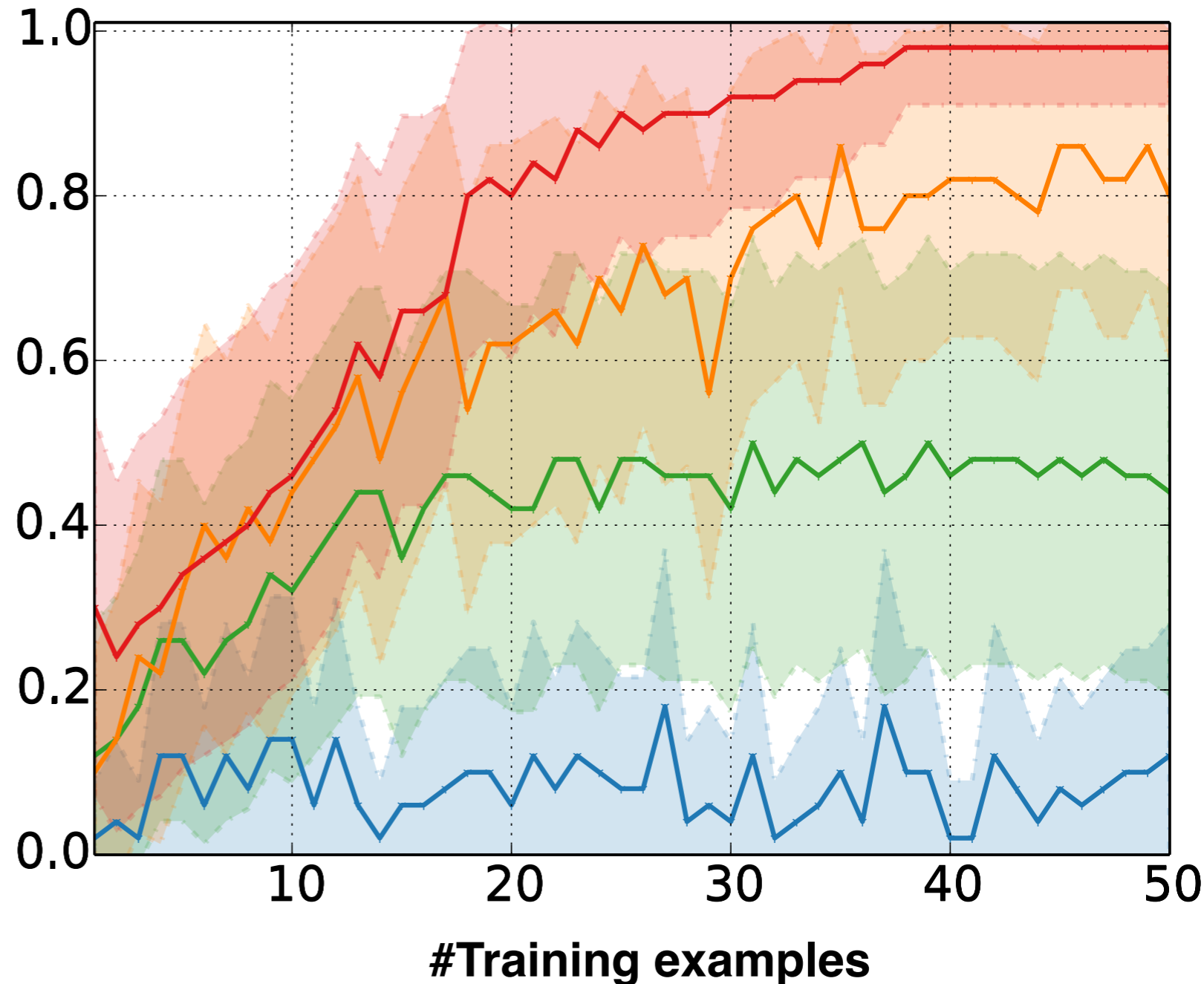


Active selection is data efficient

Success rate of recommended 'pour'



- randomly chosen
- neural network classifier*
- neural network regression*
- GP active learning



[Kaelbling&Lozano-Perez, ICRA 2017]

Active selection is data efficient

Success rate of recommended 'scoop'

