Diverse sampler is sample efficient

Runtime of planner

Legend:
- Adaptive rejection sampler (blue)
- Diverse sampler w/ given kernel (green)
- Diverse sampler w/ learned kernel (yellow)

Task I:
- 8.16
- 9.63
- 5.87

Task II:
- 3.22
- 2.06
- 1.71

Task II:
- 5.79
- 3.9
- 4.3
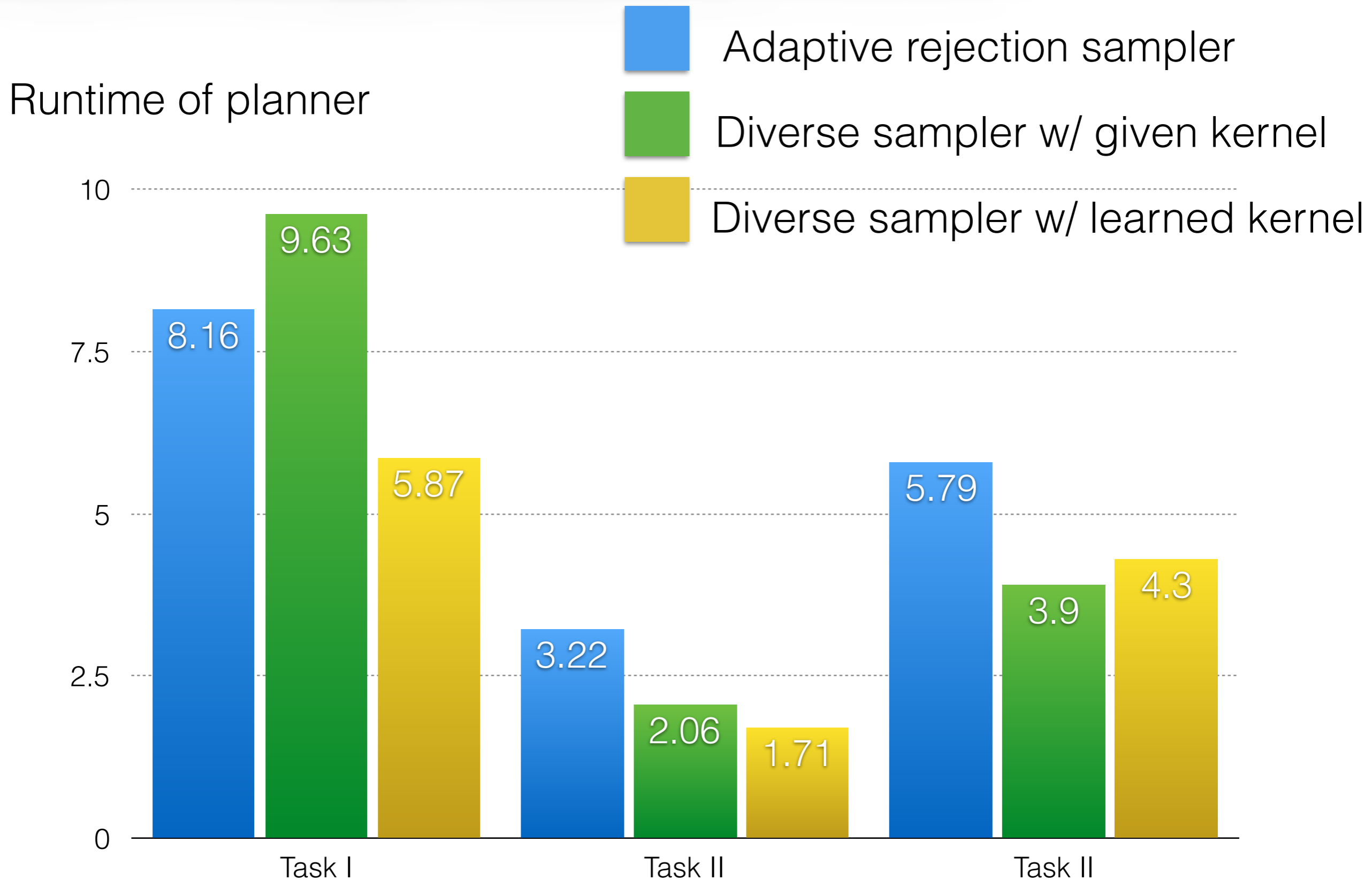
Diverse sampler is sample efficient

Success rate
in 0.02 s (Task I)
in 6 s (Task II/III)

Adaptive rejection sampler

Diverse sampler w/ given kernel

Diverse sampler w/ learned kernel

Task I: 87.1, 82.2, 99.9
Task II: 82.4, 93.6, 94
Task II: 40.9, 46.3, 49.1

Y-axis: 35, 51.25, 67.5, 83.75, 100