



Figure 1: The training curves of EVO using different sample sizes.

Environment	CPO	EVO(10)	EVO(20)	EVO(50)	EVO(100)
SafetyPointCircle1	11h 23m 28s	11h 53m 19s (8s)	11h 52m 28s (8s)	11h 53m 31s (8s)	11h 55m 22s (9s)
SafetyPointGoal1	11h 29m 42s	11h 58m 51s (8s)	11h 59m 47s (7s)	11h 58m 33s (8s)	11h 59 m 8s (9s)

Table 1: EVO training time with different sample sizes compared to CPO. The time data includes the total training time for EVO, with the GPD fitting time shown in parentheses ”()”.