Task	Random	REINFORCE	TNPG	RWR	REPS	TRPO	CEM	CMA-ES	DDPG
Cart-Pole Balancing	77.1 ± 0.0	4693.7 ± 14.0	3986.4 ± 748.9	$\mathbf{4861.5 \pm 12.3}$	565.6 ± 137.6	$\mathbf{4869.8 \pm 37.6}$	4815.4 ± 4.8	2440.4 ± 568.3	4634.4 ± 87.8
Inverted Pendulum*	-153.4 ± 0.2	13.4 ± 18.0	209.7 ± 55.5	84.7 ± 13.8	-113.3 ± 4.6	$\mathbf{247.2 \pm 76.1}$	38.2 ± 25.7	-40.1 ± 5.7	40.0 ± 244.6
Mountain Car	-415.4 ± 0.0	-67.1 ± 1.0	$\mathbf{-66.5 \pm 4.5}$	-79.4 ± 1.1	-275.6 ± 166.3	$\mathbf{-61.7 \pm 0.9}$	-66.0 ± 2.4	-85.0 ± 7.7	-288.4 ± 170.3
Acrobot	-1904.5 ± 1.0	-508.1 ± 91.0	-395.8 ± 121.2	-352.7 ± 35.9	-1001.5 ± 10.8	-326.0 ± 24.4	-436.8 ± 14.7	-785.6 ± 13.1	$\mathbf{-223.6 \pm 5.8}$
Double Inverted Pendulum*	149.7 ± 0.1	4116.5 ± 65.2	$\mathbf{4455.4 \pm 37.6}$	3614.8 ± 368.1	446.7 ± 114.8	$\mathbf{4412.4 \pm 50.4}$	2566.2 ± 178.9	1576.1 ± 51.3	2863.4 ± 154.0
Swimmer*	-1.7 ± 0.1	92.3 ± 0.1	$\mathbf{96.0 \pm 0.2}$	60.7 ± 5.5	3.8 ± 3.3	$\mathbf{96.0 \pm 0.2}$	68.8 ± 2.4	64.9 ± 1.4	85.8 ± 1.8
Hopper	8.4 ± 0.0	714.0 ± 29.3	$\mathbf{1155.1 \pm 57.9}$	553.2 ± 71.0	86.7 ± 17.6	$\mathbf{1183.3 \pm 150.0}$	63.1 ± 7.8	20.3 ± 14.3	267.1 ± 43.5
2D Walker	-1.7 ± 0.0	506.5 ± 78.8	$\mathbf{1382.6 \pm 108.2}$	136.0 ± 15.9	-37.0 ± 38.1	$\mathbf{1353.8 \pm 85.0}$	84.5 ± 19.2	77.1 ± 24.3	318.4 ± 181.6
Half-Cheetah	-90.8 ± 0.3	1183.1 ± 69.2	$\mathbf{1729.5 \pm 184.6}$	376.1 ± 28.2	34.5 ± 38.0	$\mathbf{1914.0 \pm 120.1}$	330.4 ± 274.8	441.3 ± 107.6	$\mathbf{2148.6 \pm 702.7}$
Ant*	13.4 ± 0.7	548.3 ± 55.5	$\mathbf{706.0 \pm 127.7}$	37.6 ± 3.1	39.0 ± 9.8	$\mathbf{730.2 \pm 61.3}$	49.2 ± 5.9	17.8 ± 15.5	326.2 ± 20.8
Simple Humanoid	41.5 ± 0.2	128.1 ± 34.0	$\mathbf{255.0 \pm 24.5}$	93.3 ± 17.4	28.3 ± 4.7	$\mathbf{269.7 \pm 40.3}$	60.6 ± 12.9	28.7 ± 3.9	99.4 ± 28.1
Full Humanoid	13.2 ± 0.1	262.2 ± 10.5	$\mathbf{288.4 \pm 25.2}$	46.7 ± 5.6	41.7 ± 6.1	$\mathbf{287.0 \pm 23.4}$	36.9 ± 2.9	N/A $\pm$ N/A	119.0 ± 31.2