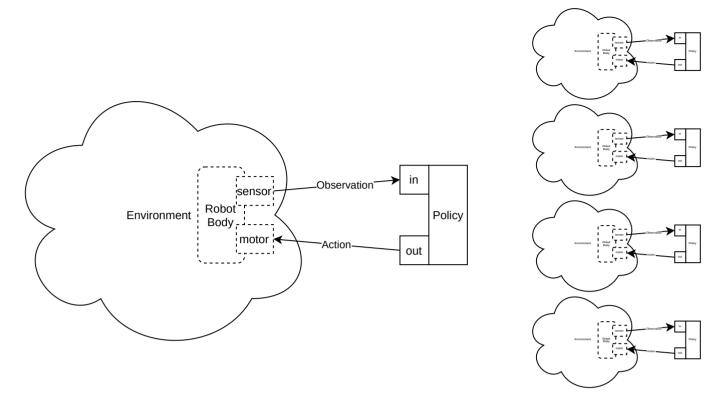
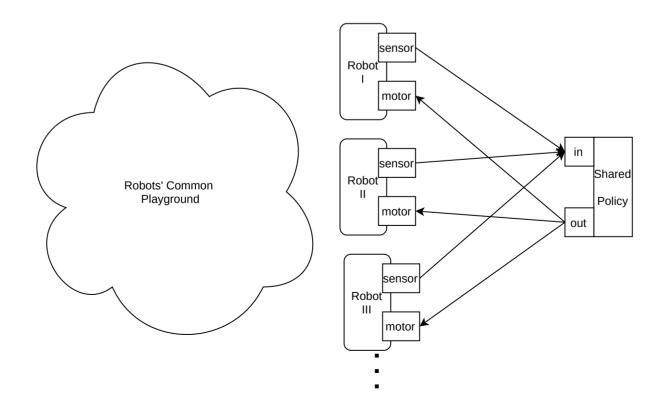
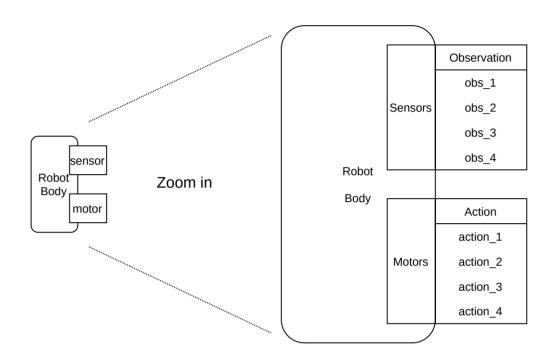
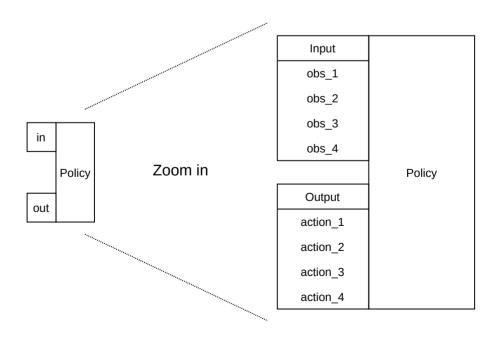
Conventional RL

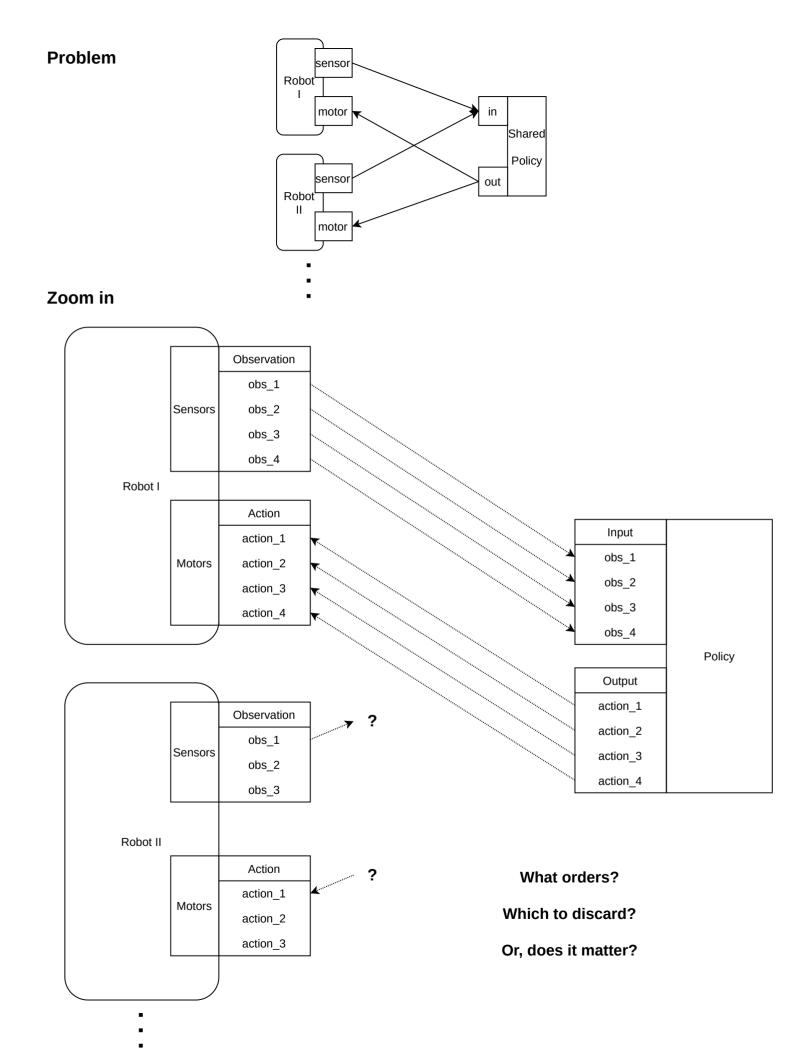


Multiple Bodies share one policy

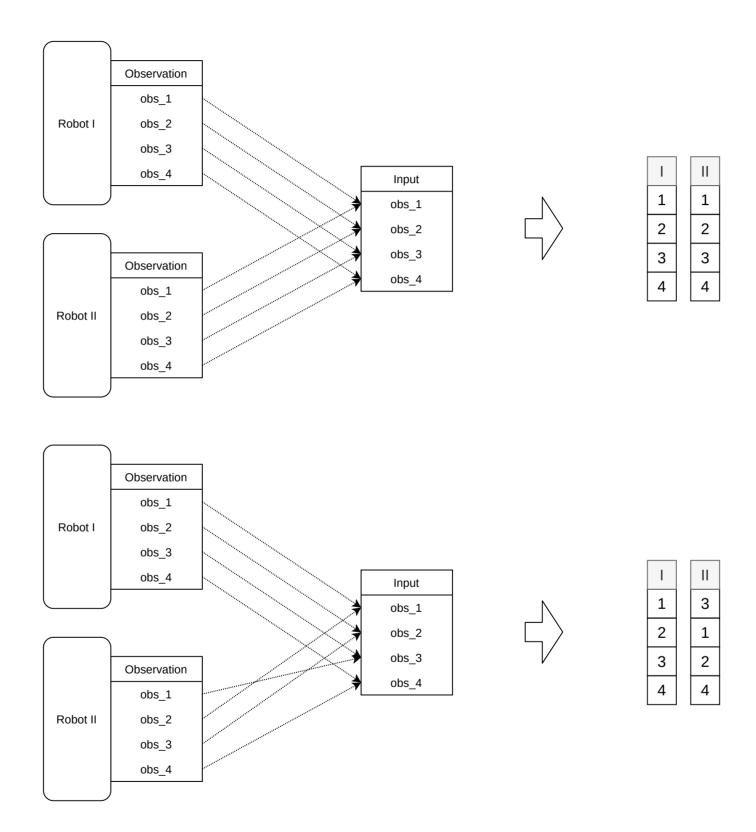








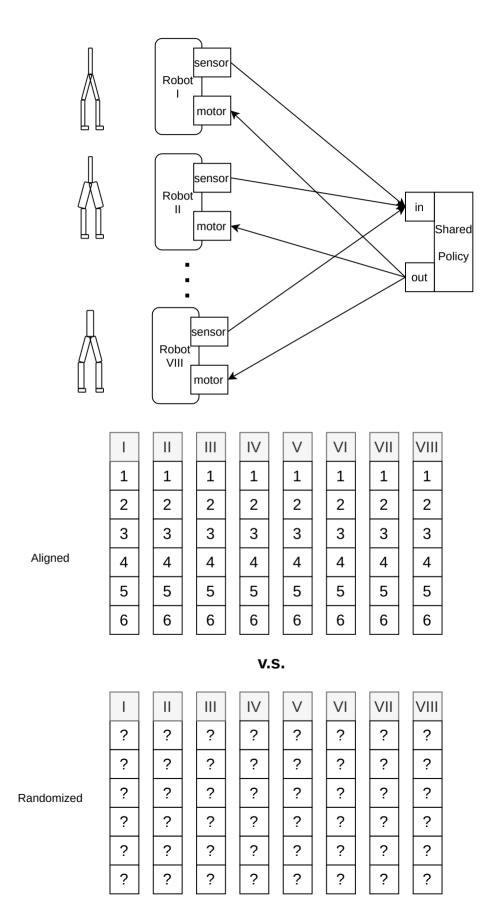
Simplified notations



Assuming observations and actions are paired, so specifying the order of observations determines the order of actions.

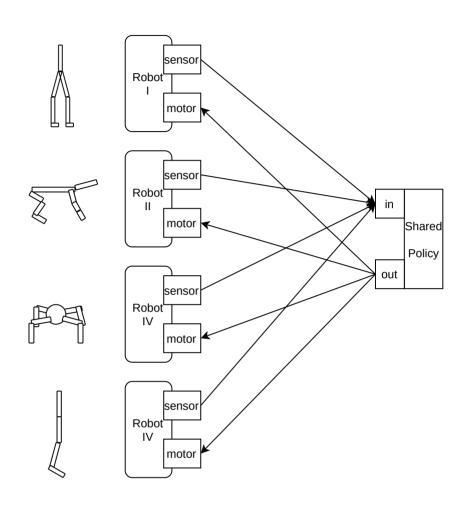
Research questions: do different alignments result in different learnabilities?

(1) Experiment with Parametrically Different Bodies



Research questions: do different alignments result in different learnabilities?

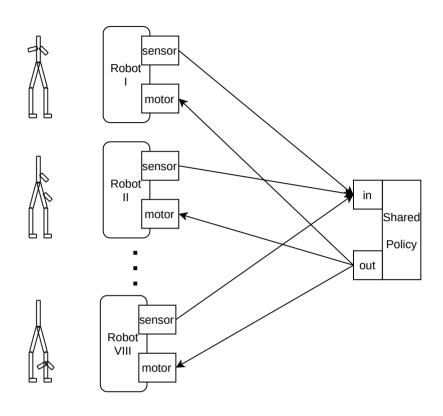
(2) Experiment with Topologically Different Bodies without obvious correspondence



Arbitrary # 1 Arbitrary # 2 Ш |||IV Ш Ш IV v.s.

Research questions: do different alignments result in different learnabilities?

(3) Experiment with Topologically Different Bodies with obvious correspondence



VIII Ш Ш IV V VI VII Ш Ш IV V VI VII VIII v.s.

M2

Μ0

END of file

TMP saving

I	П	Ш	IV	V	VI	VII	VIII
1	4	4	2	2	1	2	3
2	3	2	3	4	2	3	2
3	2	1	1	1	4	4	4
4	1	3	4	3	3	1	1

I	П	Ш	IV	V	VI	VII	VIII
1	2	3	3	3	2	4	1
2	4	2	1	1	1	2	2
3	3	4	2	4	3	3	4
4	1	1	4	2	4	1	3