

```
-----  
[lam, w_hidden, pattern_seed, sd_D, w_spatial, l, T] =  
[0.01, 30, 0, 1, 1, 5, 672]  
23:34, 03/11; num of cores:16  
1 1 1 1 0  
  
1 0 1 1 0  
  
1 1 1 1 0  
  
0 0 1 1 1  
  
1 1 0 1 0  
  
MC-based mean [average reward] and its std: [14.484  
0.026]  
DR, IS, Susan, DR_NS  
  bias: [0.021 0.018 0.133 0.221]  
  std: [0.084 0.083 0.024 0.087]  
  MSE: [0.087 0.085 0.135 0.238]  
time spent until now: 6.4 mins
```

```
-----  
[lam, w_hidden, pattern_seed, sd_D, w_spatial, l, T] =  
[0.01, 30, 1, 1, 1, 5, 672]  
23:40, 03/11; num of cores:16  
0 1 0 0 0  
  
0 0 0 0 1  
  
0 1 0 1 0  
  
1 0 1 0 0  
  
1 1 0 1 1  
  
MC-based mean [average reward] and its std: [14.563  
0.021]
```

```
DR, IS, Susan, DR_NS
bias: [0.09  0.087 0.054 0.29 ]
std:  [0.127 0.127 0.024 0.083]
MSE:  [0.156 0.154 0.059 0.302]
time spent until now: 12.8 mins
```

```
-----
[lam, w_hidden, pattern_seed, sd_D, w_spatial, l, T] =
[0.01, 30, 2, 1, 1, 5, 672]
```

```
23:47, 03/11; num of cores:16
```

```
0 0 1 0 0
```

```
0 0 1 0 0
```

```
1 1 0 1 0
```

```
1 1 0 1 0
```

```
1 0 0 0 0
```

```
MC-based mean [average reward] and its std: [14.084
0.021]
```

```
DR, IS, Susan, DR_NS
bias: [0.406 0.41  0.533 0.234]
std:  [0.095 0.097 0.023 0.105]
MSE:  [0.417 0.421 0.533 0.256]
time spent until now: 19.2 mins
```

```
-----
[lam, w_hidden, pattern_seed, sd_D, w_spatial, l, T] =
[0.01, 30, 3, 1, 1, 5, 672]
```

```
23:53, 03/11; num of cores:16
```

```
1 1 0 1 1
```

```
1 0 0 0 0
```

```
0 0 1 0 1
```

1 0 1 0 0

0 1 0 0 1

MC-based mean [average reward] and its std: [14.932
0.024]

DR, IS, Susan, DR_NS

bias: [0.45 0.445 0.315 0.631]

std: [0.137 0.137 0.024 0.147]

MSE: [0.47 0.466 0.316 0.648]

time spent until now: 25.6 mins

[lam, w_hidden, pattern_seed, sd_D, w_spatial, l, T] =
[0.01, 30, 4, 1, 1, 5, 672]

23:59, 03/11; num of cores:16

1 1 1 1 1

0 1 0 0 0

1 0 1 1 0

1 0 0 0 1

0 1 1 1 0

MC-based mean [average reward] and its std: [14.926
0.024]

DR, IS, Susan, DR_NS

bias: [0.481 0.478 0.31 0.659]

std: [0.109 0.11 0.024 0.115]

MSE: [0.493 0.49 0.311 0.669]

time spent until now: 32.1 mins

[lam, w_hidden, pattern_seed, sd_D, w_spatial, l, T] =
[0.01, 30, 5, 1, 1, 5, 672]

00:06, 03/12; num of cores:16

0 1 0 1 0

1 1 1 0 0

0 1 0 0 1

0 0 0 1 1

1 0 0 0 0

MC-based mean [average reward] and its std: [14.316
0.025]

DR, IS, Susan, DR_NS

bias: [0.155 0.158 0.301 0.038]

std: [0.063 0.062 0.023 0.129]

MSE: [0.167 0.17 0.302 0.134]

time spent until now: 38.5 mins

[lam, w_hidden, pattern_seed, sd_D, w_spatial, l, T] =
[0.01, 30, 6, 1, 1, 5, 672]

00:12, 03/12; num of cores:16

1 0 1 0 0

1 1 0 0 1

0 1 1 1 1

1 1 0 1 1

0 1 1 1 1

MC-based mean [average reward] and its std: [14.709
0.025]

DR, IS, Susan, DR_NS

bias: [0.245 0.241 0.093 0.426]

std: [0.121 0.12 0.023 0.105]

MSE: [0.273 0.269 0.096 0.439]

time spent until now: 44.9 mins

```
-----  
[lam, w_hidden, pattern_seed, sd_D, w_spatial, l, T] =  
[0.01, 30, 7, 1, 1, 5, 672]  
00:19, 03/12; num of cores:16  
0 1 0 1 1
```

```
1 1 0 0 0
```

```
1 1 0 0 0
```

```
1 0 0 1 0
```

```
1 1 0 1 1
```

```
MC-based mean [average reward] and its std: [14.79  
0.025]
```

```
DR, IS, Susan, DR_NS
```

```
  bias: [0.386 0.384 0.174 0.501]
```

```
  std: [0.111 0.111 0.023 0.102]
```

```
 MSE: [0.402 0.4    0.176 0.511]
```

```
time spent until now: 51.4 mins
```