```
u_O = rlogN(2, 1, N) (-> mean = 12)
O = rpoisson(u_O, (T, N)).T

D = [u_O]

   fixed_policy = rbin(1, 0.2, N)


--------------------------------------
 [lam, w_hidden, pattern_seed, sd_D,sd_R, u_O, w_spatial, l, T] =
[0.01, 30, 0, 3, 0, 10, 1, 5, 672]
23:22, 03/13; num of cores:16
0 0 0 0 0

0 0 1 1 0

0 0 0 1 0

0 0 1 0 1

1 0 0 0 0

MC-based mean [average reward] and its std: [5.787 2.441]
DR, DR2, IS, Susan, DR_NS, No_IS_V
 bias: [0.172 0.146 0.16  0.157 0.187 0.162]
 std: [3.657 3.707 3.676 3.688 3.678 3.693]
 MSE: [3.661 3.71  3.679 3.691 3.683 3.697]
time spent until now: 6.3 mins


--------------------------------------
 [lam, w_hidden, pattern_seed, sd_D,sd_R, u_O, w_spatial, l, T] =
[0.01, 30, 1, 3, 0, 10, 1, 5, 672]
23:28, 03/13; num of cores:16
0 0 0 0 0

0 0 0 0 0

0 0 0 1 0

0 0 0 0 0

1 1 0 0 1

MC-based mean [average reward] and its std: [5.862 2.716]
DR, DR2, IS, Susan, DR_NS, No_IS_V
```

```
 bias: [0.237 0.231 0.235 0.232 0.251 0.237]
 std: [3.673 3.678 3.663 3.688 3.683 3.693]
 MSE: [3.681 3.685 3.671 3.695 3.692 3.701]
time spent until now: 12.3 mins


---------------------------------------
 [lam, w_hidden, pattern_seed, sd_D,sd_R, u_O, w_spatial, l, T] =
[0.01, 30, 2, 3, 0, 10, 1, 5, 672]
23:34, 03/13; num of cores:16
0 0 0 0 0

0 0 0 0 0

0 0 0 0 0

0 1 0 1 0

0 0 0 0 0

MC-based mean [average reward] and its std: [5.896 2.71 ]
DR, DR2, IS, Susan, DR_NS, No_IS_V
 bias: [0.269 0.265 0.268 0.266 0.296 0.271]
 std: [3.685 3.681 3.678 3.688 3.684 3.693]
 MSE: [3.695 3.691 3.688 3.698 3.696 3.703]
time spent until now: 18.3 mins


---------------------------------------
 [lam, w_hidden, pattern_seed, sd_D,sd_R, u_O, w_spatial, l, T] =
[0.01, 30, 3, 3, 0, 10, 1, 5, 672]
23:40, 03/13; num of cores:16
0 0 0 0 1

1 0 0 0 0

0 0 0 0 0

0 0 0 0 0

0 0 0 0 0

MC-based mean [average reward] and its std: [5.899 2.776]
DR, DR2, IS, Susan, DR_NS, No_IS_V
 bias: [0.279 0.266 0.276 0.269 0.299 0.274]
 std: [3.679 3.683 3.674 3.688 3.679 3.693]
 MSE: [3.69  3.693 3.684 3.698 3.691 3.703]
```

```
time spent until now: 24.3 mins


--------------------------------------
 [lam, w_hidden, pattern_seed, sd_D,sd_R, u_O, w_spatial, l, T] =
[0.01, 30, 0, 3, 2, 10, 1, 5, 672]
23:46, 03/13; num of cores:16
0 0 0 0 0

0 0 1 1 0

0 0 0 1 0

0 0 1 0 1

1 0 0 0 0

MC-based mean [average reward] and its std: [5.788 2.44 ]
DR, DR2, IS, Susan, DR_NS, No_IS_V
 bias: [0.171 0.15  0.162 0.16  0.199 0.165]
 std: [3.65  3.71  3.672 3.688 3.642 3.694]
 MSE: [3.654 3.713 3.676 3.691 3.647 3.698]
time spent until now: 30.4 mins



==========================================================================
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==========================================================================
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fixed_policy = rbin(1, 0.4, N)



--------------------------------------
 [lam, w_hidden, pattern_seed, sd_D,sd_R, u_O, w_spatial, l, T] =
[0.01, 30, 0, 3, 0, 10, 1, 5, 672]
23:56, 03/13; num of cores:16
0 1 1 0 0

1 0 1 1 0

1 0 0 1 0

0 0 1 1 1
```

```
1 1 0 1 0

MC-based mean [average reward] and its std: [5.774 2.484]
DR, DR2, IS, Susan, DR_NS, No_IS_V
 bias: [0.149 0.13  0.135 0.144 0.187 0.149]
 std: [3.68  3.71  3.702 3.688 3.64  3.693]
 MSE: [3.683 3.712 3.704 3.691 3.645 3.696]
time spent until now: 6.0 mins


_____________________________________
 [lam, w_hidden, pattern_seed, sd_D,sd_R, u_O, w_spatial, l, T] =
[0.01, 30, 1, 3, 0, 10, 1, 5, 672]
00:02, 03/14; num of cores:16
0 1 0 0 0

0 0 0 0 0

0 1 0 1 0

1 0 0 0 0

1 1 0 1 1

MC-based mean [average reward] and its std: [5.776 2.677]
DR, DR2, IS, Susan, DR_NS, No_IS_V
 bias: [0.164 0.143 0.161 0.146 0.177 0.151]
 std: [3.678 3.681 3.671 3.688 3.675 3.693]
 MSE: [3.682 3.684 3.675 3.691 3.679 3.696]
time spent until now: 12.1 mins


_____________________________________
 [lam, w_hidden, pattern_seed, sd_D,sd_R, u_O, w_spatial, l, T] =
[0.01, 30, 2, 3, 0, 10, 1, 5, 672]
00:08, 03/14; num of cores:16
0 0 0 0 0

0 0 1 0 0

1 0 0 0 0

1 1 0 1 0

0 0 0 0 0

MC-based mean [average reward] and its std: [5.812 2.498]
```

```
DR, DR2, IS, Susan, DR_NS, No_IS_V
 bias: [0.195 0.168 0.18  0.182 0.213 0.187]
 std: [3.704 3.709 3.725 3.688 3.675 3.693]
 MSE: [3.709 3.713 3.729 3.692 3.681 3.698]
time spent until now: 18.1 mins
```