```
thre range = [100, 105, 110, 115]
sd R range = [0, 20, 40]
u \ 0 \ u \ D = 10
for pattern seed in range(2000, 2006):
[[ 2.59
        2.79 3.29 3.37 61.62 10.2 l
 9.75
        9.91
               9.59 11.73 67.74 16.31
 9.52
        9.66
               9.2 11.98 66.36 14.93]
               8.74 11.39 64.19 12.7611
 8.55
        8.66
[[ 2.9
         3.12
              3.44 3.5 61.66 10.26]
 [10.22 10.39 9.79 11.77 67.77 16.37]
 [10.15 10.27
               9.52 12.01 66.39 15.
 [ 9.35
        9.43
               9.19 11.47 64.22 12.82]]
[[ 3.42
        3.64
               3.68 3.68 61.69 10.33]
 [10.68 10.92
               9.97 11.82 67.8
                                16.431
 [10.8
        10.9
               9.76 12.06 66.43 15.07]
 [10.15 10.26 9.66 11.54 64.25 12.89]]
[[ 1.89
         2.13
               3.86
                     2.3
                          68.3
                                12.1
 [ 1.47
         1.68
               2.93
                     1.93 66.2
                                10.
 [ 2.52
         2.69
              3.58
                     2.63 64.83 8.63]
 [ 9.42
        9.5
               9.58
                     9.84 69.32 13.12]]
[ [ 2.13 ]
         2.38
               4.01
                     2.48 68.33 12.16]
 1.74
         1.95
               3.13
                     2.12 66.24 10.061
         3.04
               3.78
 [ 2.84
                     2.78 64.86 8.691
 [ 9.89
        9.96
               9.94
                     9.98 69.35 13.18]]
                     2.71 68.37 12.23]
[[ 2.63
        2.84
               4.14
 [ 2.2
         2.39
               3.43
                     2.35 66.27 10.131
        3.57
 [ 3.37
               3.99
                    2.99 64.89 8.76]
 [10.46 10.57 10.29 10.13 69.38 13.25]]
[ 5.07
         5.44
               7.66
                     4.01 76.
                                19.56l
        7.23
               9.2
 [ 6.88
                     6.53 76.6
                                20.161
 [ 5.92
         6.16
               7.32
                     6.61 70.72 14.29]
 [ 5.63
         5.78
               5.96
                     7.93 66.58 10.14]]
[[ 5.47
         5.87
               7.78
                     4.18 76.03 19.62]
 [ 7.06
        7.43
               9.32
                     6.69 76.63 20.22]
```

```
[ 6.09 6.39 7.5 6.73 70.75 14.35]
 [ 5.65 5.89 6.02 8.08 66.61 10.2 ]]
[[6.07
       6.46 7.97 4.39 76.06 19.68]
[ 7.39 7.74 9.49 6.87 76.66 20.28]
 [ 6.48 6.76 7.8
                    6.84 70.78 14.42]
[ 5.92 6.22 6.12 8.26 66.64 10.27]]
[[ 2.74  2.95  4.42  2.08  65.92  11.3 ]
[ 3.81 4.
              4.94 3.6 64.17 9.55]
[ 5.44 5.51 5.42 7.05 61.2
                               6.58]
 [14.58 14.6 13.82 18.63 67.23 12.61]]
[[ 2.74  2.94  4.22  2.02  65.95  11.36]
[ 3.71 3.86 4.81 3.6 64.2
                               9.61]
 [ 5.43 5.52 5.31 7.08 61.23 6.65]
 [14.94 14.93 13.92 18.77 67.26 12.67]]
[[ 3.01 3.1
              4.18 2.03 65.98 11.43]
```

3.78 4.67 3.63 64.23 9.68]

[15.29 15.26 14.01 18.93 67.29 12.74]]

5.33 7.11 61.26 6.72]

[3.63

[5.52 5.6