N = 10

KF mse:

ans =

1.9114

PF without resampling

ans =

8.0614

PF with resampling

ans =

3.7288

N = 20

KF mse:

ans =

1.9944

PF without resampling

ans =

7.2044

PF with resampling

ans =

1.6670

N = 50

KF mse:

ans =

0.8865

PF without resampling

ans =

1.5405

PF with resampling

ans =

0.9618

N = 100

KF mse:

ans =

1.2362

PF without resampling

ans =

1.8274

PF with resampling

ans =

1.2596

N = 2000

KF mse:

ans =

1.6817

PF without resampling

ans =

1.6797

PF with resampling

ans =

1.6664