70(40:30), 110(80:30), 150(120:30), 190(160:30), 230(200:30), 270(240:30)

k=7, 和 k=8的时候得分最稳定

# 0:b 表示新冠； 1：r 表示正常 color\_map = {0: 'b', 1: 'r'}

## datasets 70

train\_data:40, test\_data:30

all\_acc:[0.7333, 0.8667, 0.9333, 0.6667, 0.8667, 0.9333, 0.9333, 0.9333, 0.8, 0.8]

Average\_acc:0.8467, Standard Deviation:0.0897

all\_acc:[0.8667, 0.8, 0.8667, 0.9667, 0.7, 0.8, 0.8, 0.7667, 0.8667, 0.8]

Average\_acc:0.8234, Standard Deviation:0.0684

all\_acc:[0.8333, 0.8333, 0.8333, 0.8333, 0.9, 0.8, 0.8667, 0.8333, 0.7667, 0.8]

Average\_acc:0.8300, Standard Deviation:0.0348

## datasets 110

train\_data:80, test\_data:30

all\_acc:[0.7667, 0.9, 0.7667, 0.8333, 0.8333, 0.8, 0.8333, 0.8667, 0.9, 0.8]

Average\_acc:0.8300, Standard Deviation:0.0458

all\_acc:[0.8, 0.8, 0.8, 0.8667, 0.8333, 0.8333, 0.6, 0.7667, 0.8333, 0.8333]

Average\_acc:0.7967, Standard Deviation:0.0706

all\_acc:[0.8667, 0.8333, 0.8667, 0.7333, 0.7667, 0.8333, 0.8667, 0.9333, 0.8667, 0.8667]

Average\_acc:0.8433, Standard Deviation:0.0539

## datasets 150

train\_data:120, test\_data:30

all\_acc:[0.8333, 0.9333, 0.9, 0.7667, 0.9667, 0.9333, 0.8667, 0.7667, 0.8667, 0.8]

Average\_acc:0.8633, Standard Deviation:0.0674

all\_acc:[0.8667, 0.8, 0.9, 0.9333, 0.9333, 0.8333, 0.9, 0.9, 0.8333, 0.8333]

Average\_acc:0.8733, Standard Deviation:0.0442

all\_acc:[0.8333, 0.8, 0.8667, 0.8, 0.9667, 0.9, 0.8, 0.8, 0.7333, 0.8333]

Average\_acc:0.8333, Standard Deviation:0.0615

## datasets 190

train\_data:160, test\_data:30

all\_acc:[0.9333, 0.9667, 0.8667, 0.9, 0.8667, 0.9333, 0.8333, 0.9, 0.9, 1.0]

Average\_acc:0.9100, Standard Deviation:0.0473

all\_acc:[0.9, 0.9333, 0.8, 0.9, 0.8333, 0.9, 0.9, 0.9333, 0.9, 0.9333]

Average\_acc:0.8933, Standard Deviation:0.0416

all\_acc:[0.8333, 0.8667, 0.9, 0.8333, 0.9333, 1.0, 0.9333, 0.9333, 0.9, 0.9]

Average\_acc:0.9033, Standard Deviation:0.0482

## datasets 230

train\_data:200, test\_data:30

all\_acc:[0.9, 0.9, 0.6667, 0.9, 0.8333, 0.9333, 0.9333, 0.9, 0.9333, 0.8333]

Average\_acc:0.8733, Standard Deviation:0.0772

all\_acc:[0.9333, 0.9333, 0.9667, 0.8333, 0.8667, 0.9, 0.8333, 0.9333, 0.8333, 0.6667]

Average\_acc:0.8700, Standard Deviation:0.0823

all\_acc:[0.8667, 0.8667, 0.9, 0.8667, 0.8667, 0.8667, 0.8667, 0.9333, 0.8333, 0.9333]

Average\_acc:0.8800, Standard Deviation:0.0305

## datasets 270

train\_data:240, test\_data:30

all\_acc:[0.7667, 0.9, 0.9, 0.9333, 0.8667, 0.9, 0.9333, 0.9, 0.8, 0.9]

Average\_acc:0.8800, Standard Deviation:0.0521

all\_acc:[0.8, 0.9667, 0.8333, 0.8333, 0.9, 0.8667, 0.8667, 0.9, 0.8667, 1.0]

Average\_acc:0.8833, Standard Deviation:0.0582

all\_acc:[0.9667, 0.9333, 0.9333, 0.9333, 0.9333, 0.9333, 0.8667, 0.9, 0.9, 0.9333]

Average\_acc:0.9233, Standard Deviation:0.0260

## datasets 300

train\_data:270, test\_data:30

all\_acc:[0.9, 1.0, 0.8333, 0.9667, 0.8667, 0.9333, 0.9, 0.9, 0.9, 0.9333]

Average\_acc:0.9133, Standard Deviation:0.0452

all\_acc:[0.9667, 0.8667, 1.0, 0.9, 0.9667, 0.9, 0.9333, 0.9333, 0.8333, 0.9333]

Average\_acc:0.9233, Standard Deviation:0.0473

all\_acc:[0.8333, 0.9667, 0.9, 0.8667, 0.9333, 0.9333, 0.9333, 0.9333, 0.9333, 1.0]

Average\_acc:0.9233, Standard Deviation:0.0448