

2022 無線行動網路 期末專案

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第(1)題: 請將模擬結果的碰撞機率以截圖方式呈現。

Ans:

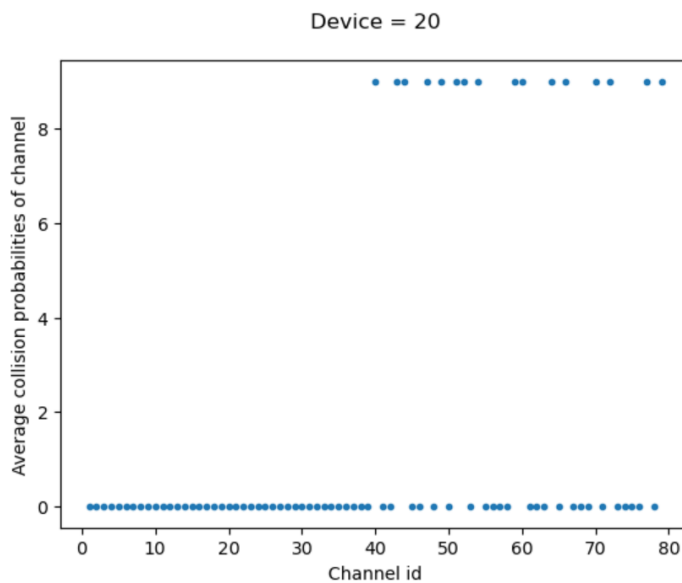
```
kelly@Ubuntu:~$ ./test
Collision probability: 0.012
kelly@Ubuntu:~$
```

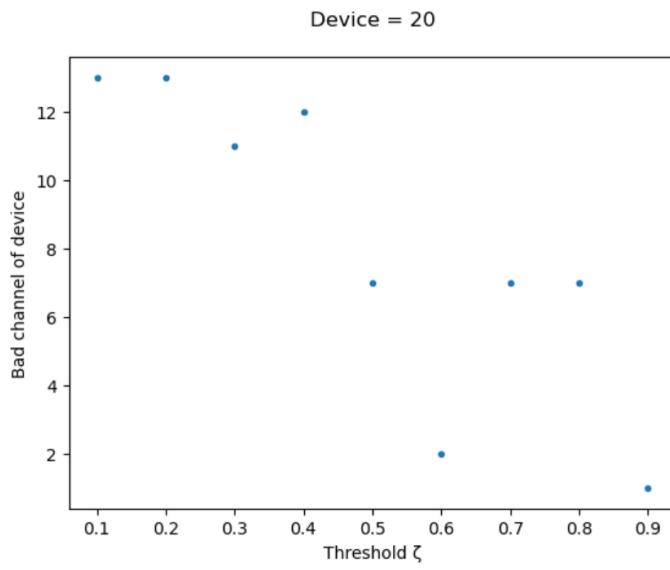
第(2)題: 請以圖表呈現6組 (device=20,30,40,50,60,70) 模擬結果。每組device數量呈現2張圖:

1. 橫軸為channel id(1~79)、縱軸為該channel平均碰撞機率。
2. 橫軸為threshold ζ (0.1、0.2、...、0.9)、縱軸為bad channel數量thr

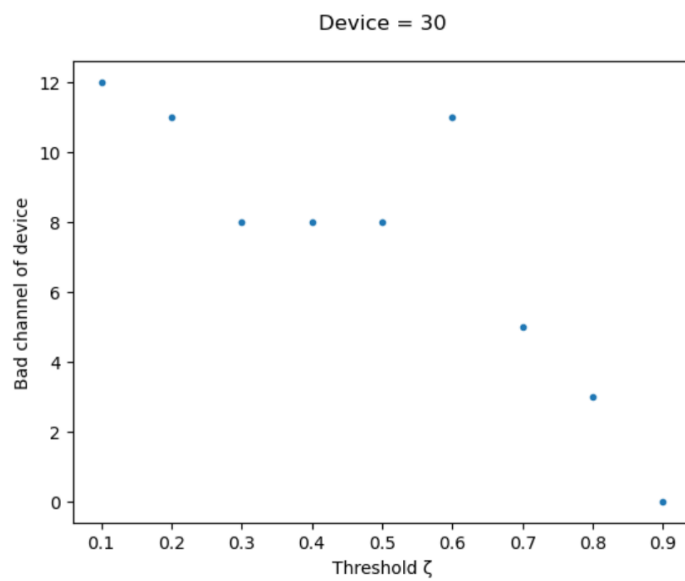
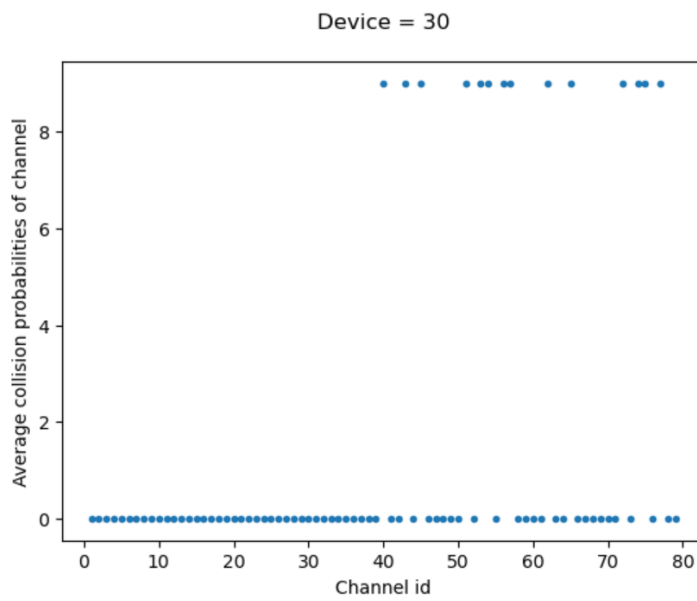
Ans:

Device = 20:



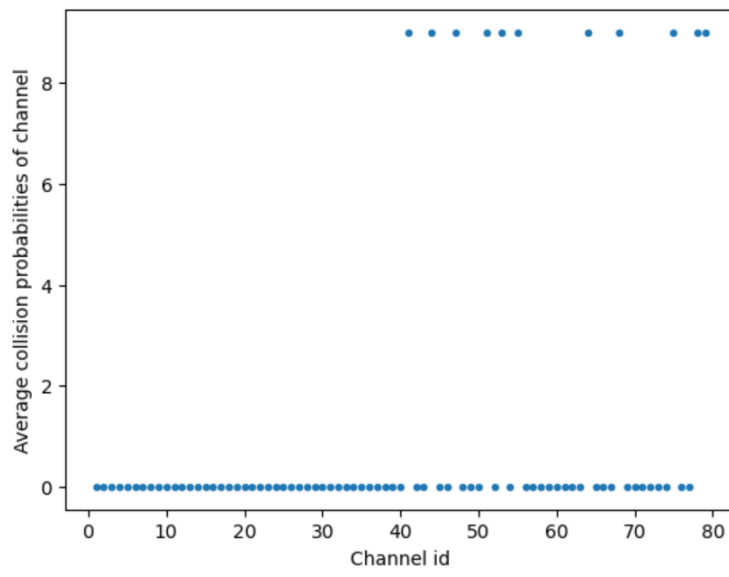


Device = 30:

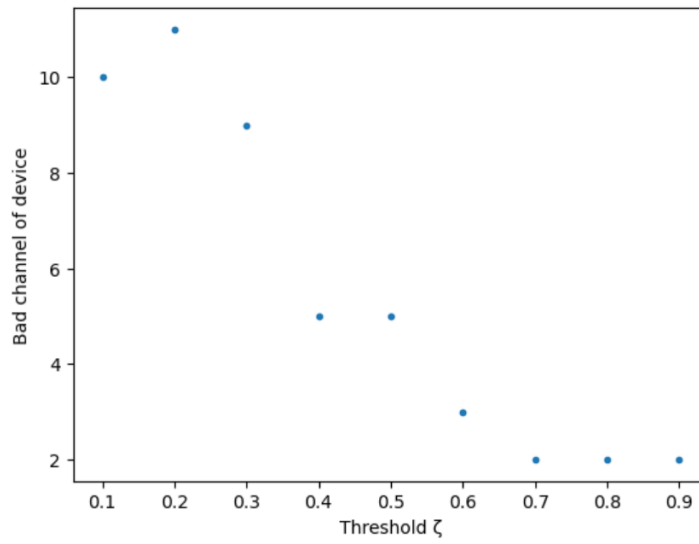


Device = 40:

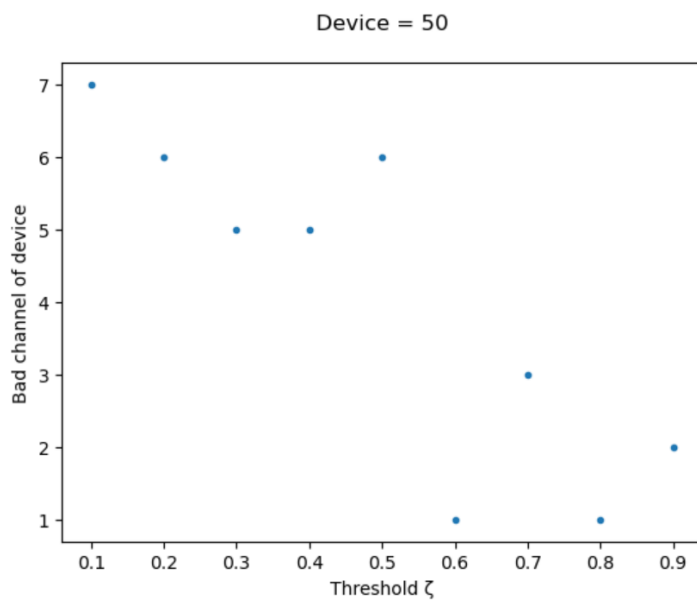
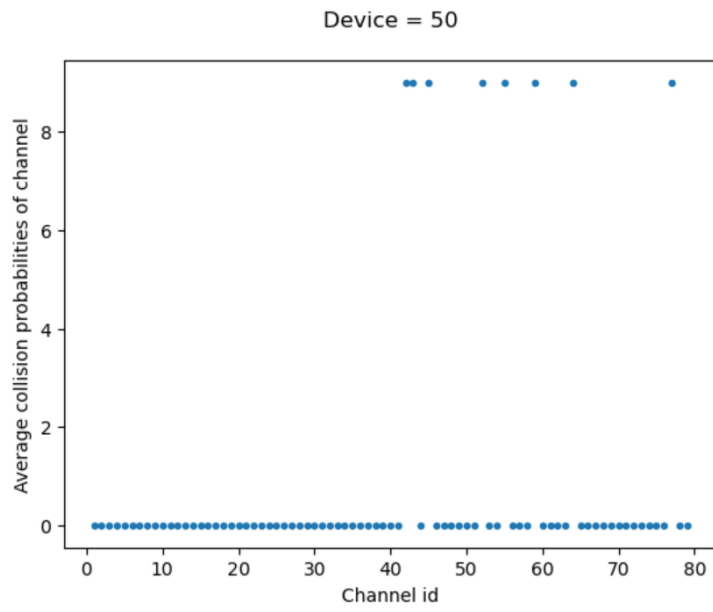
Device = 40



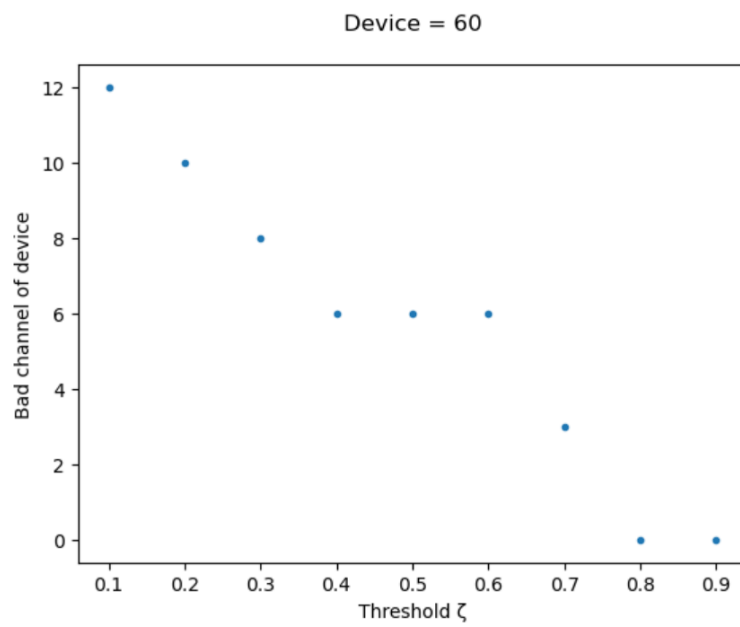
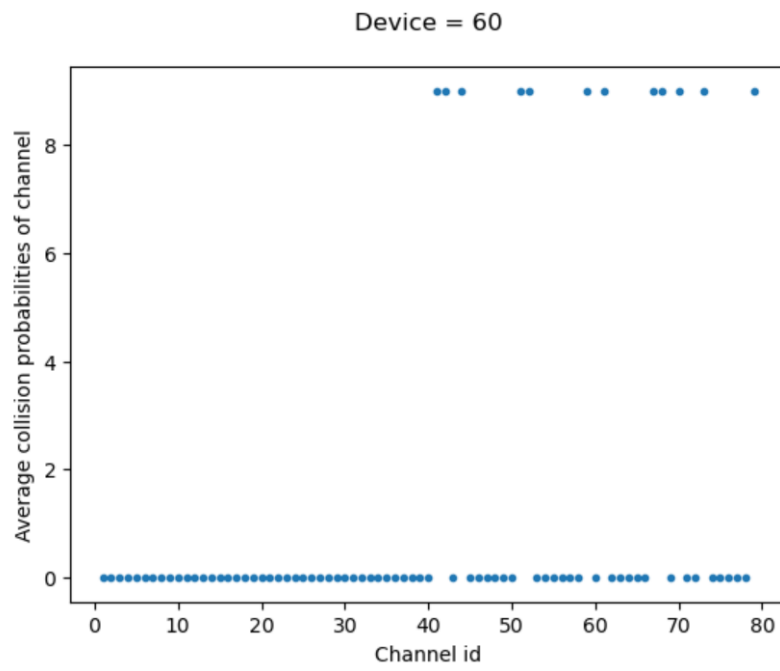
Device = 40



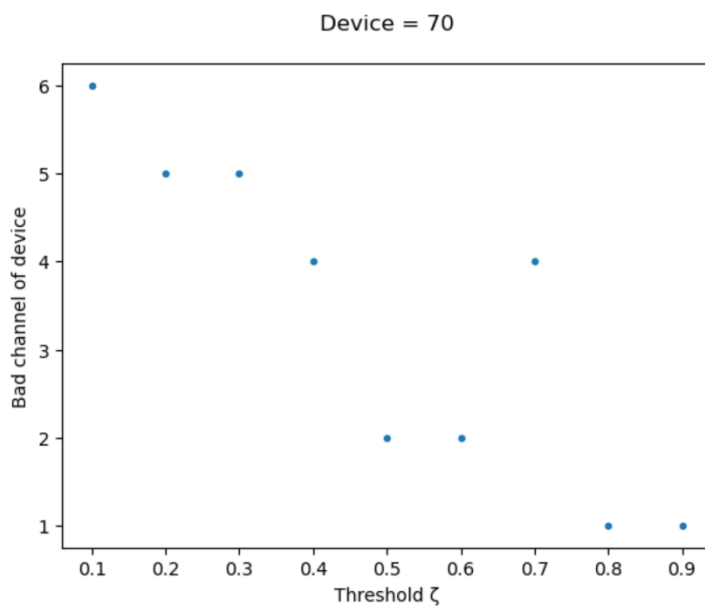
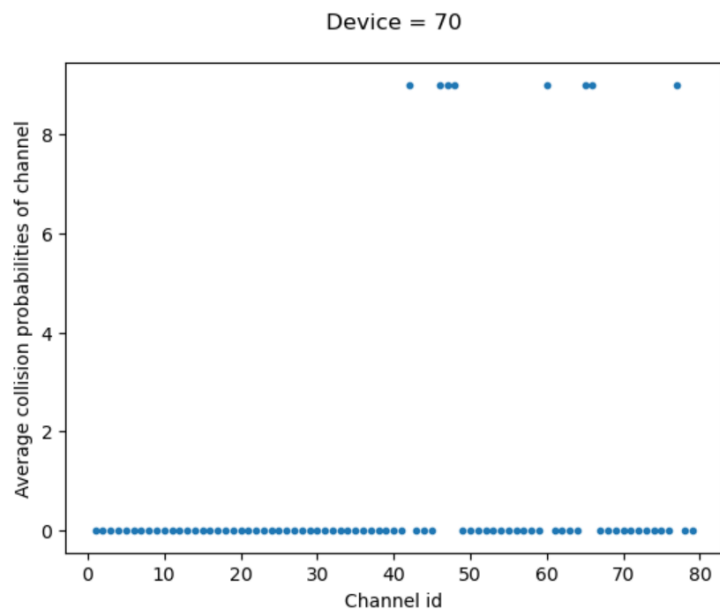
Device = 50:



Device = 60:



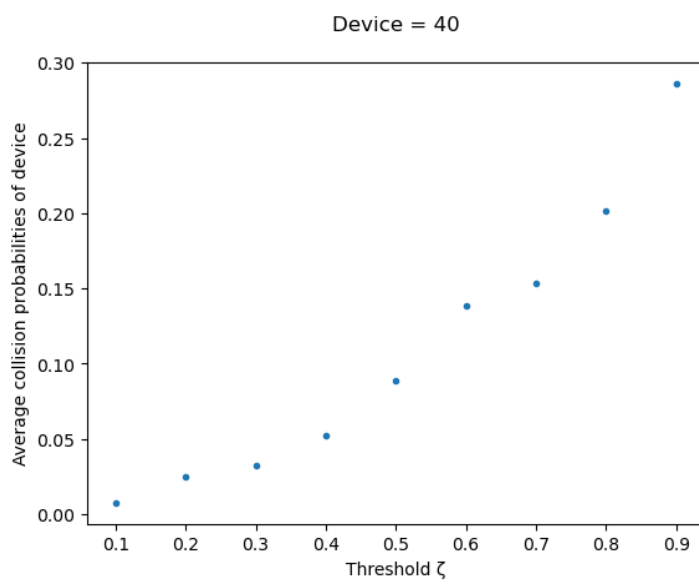
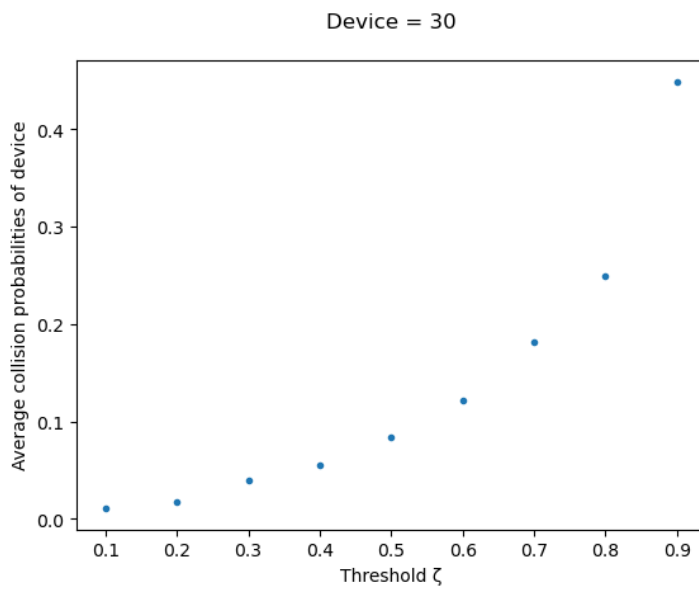
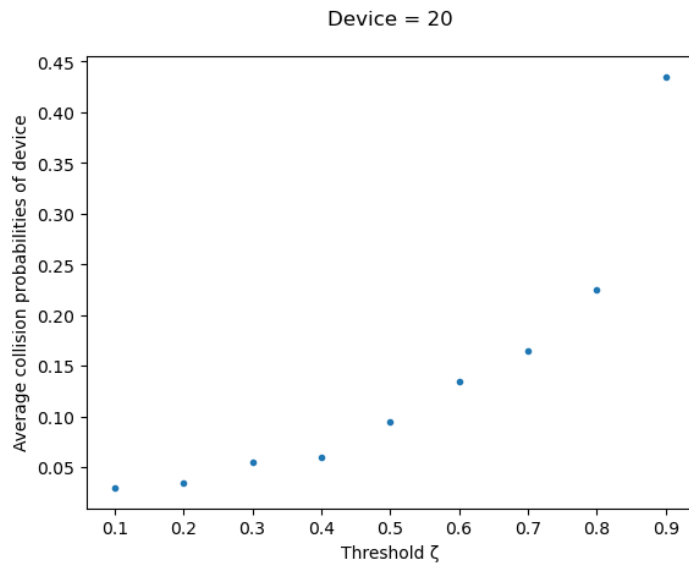
Device = 70:



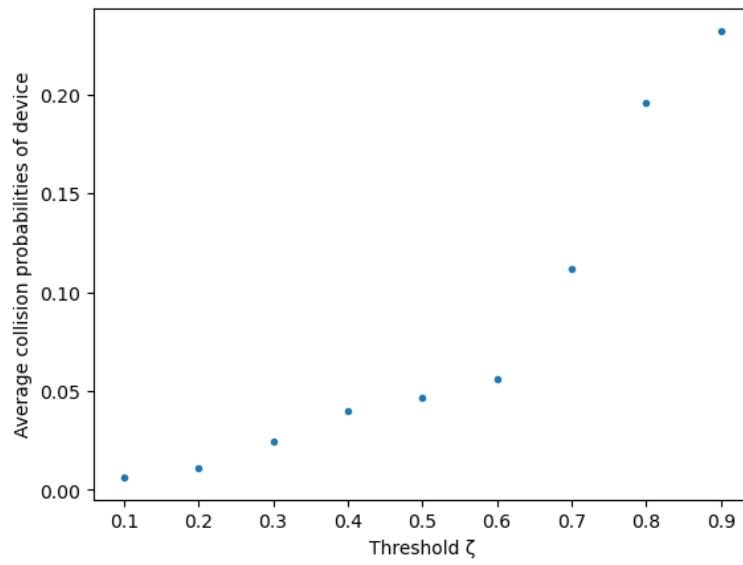
第(3)題：請以圖表呈現6組 (device=20,30,40,50,60,70) 模擬結果。每組device數量呈現1張圖：

1.橫軸為threshold ζ (0.1、0.2、 \cdots 、0.9)、縱軸為device的平均碰撞機率。

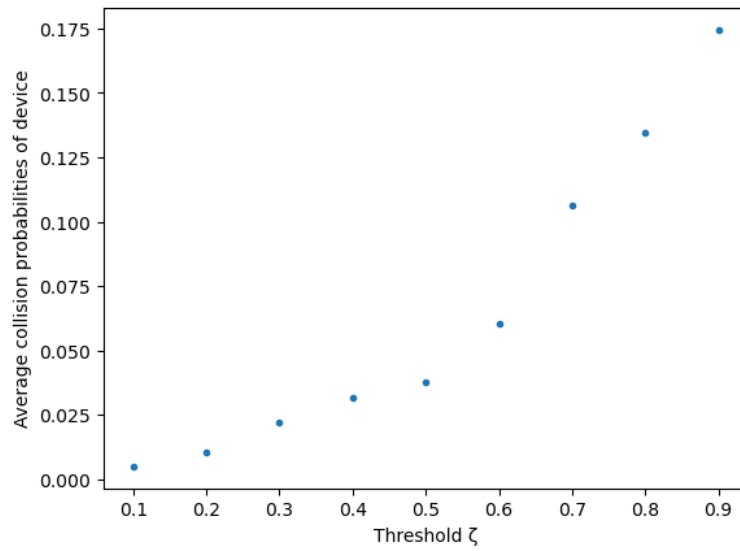
Ans:



Device = 50



Device = 60



Device = 70

