Milestone 2

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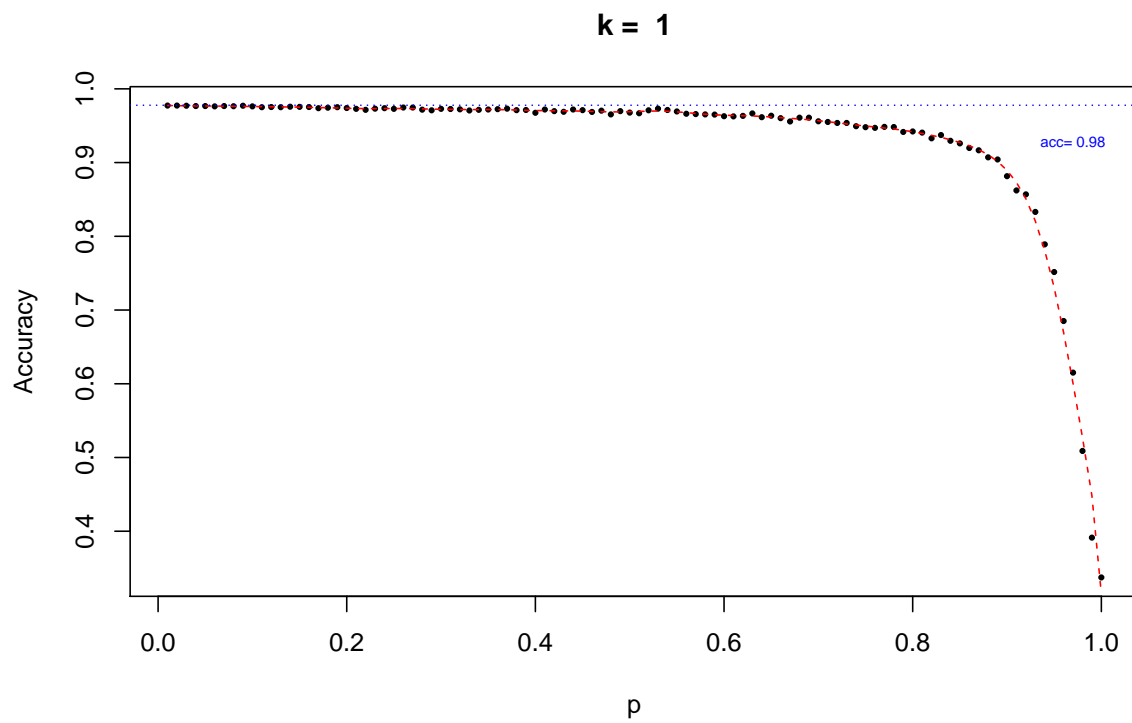# 1 Iris[1]
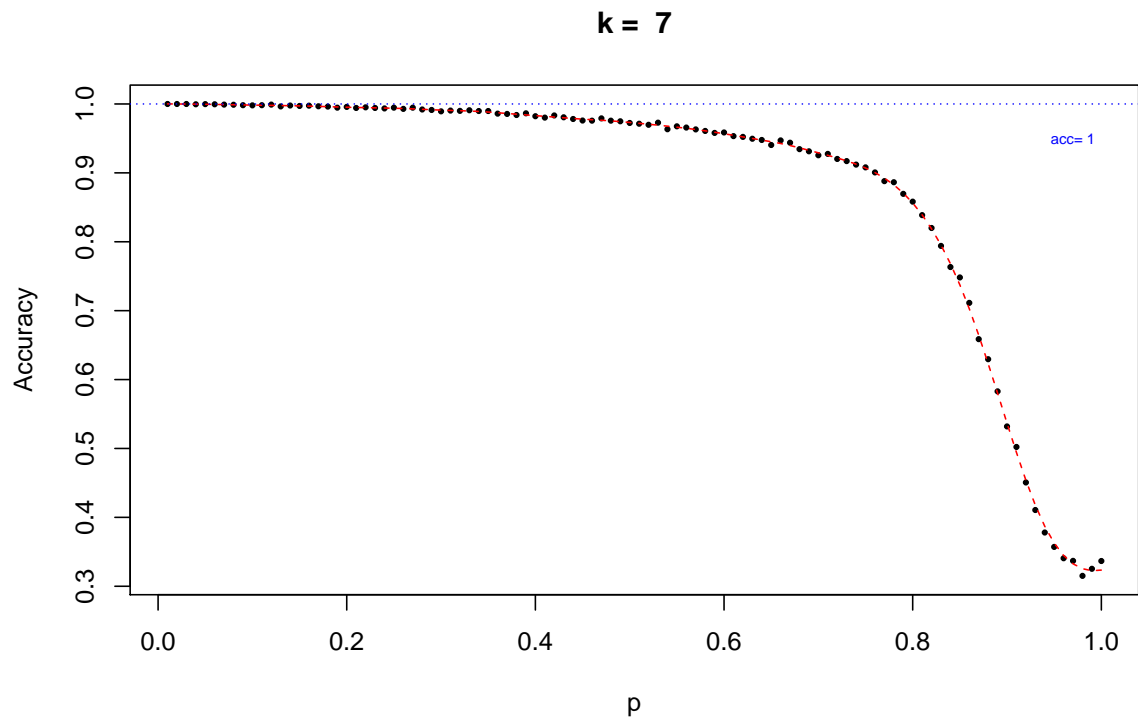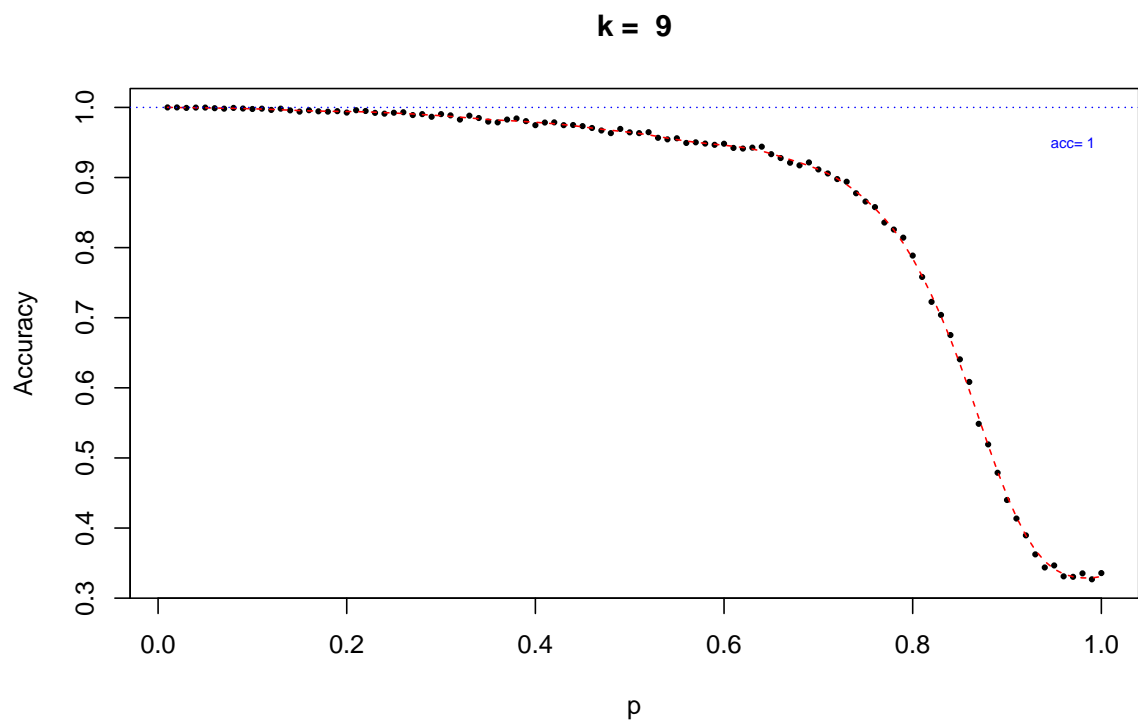
k = 1
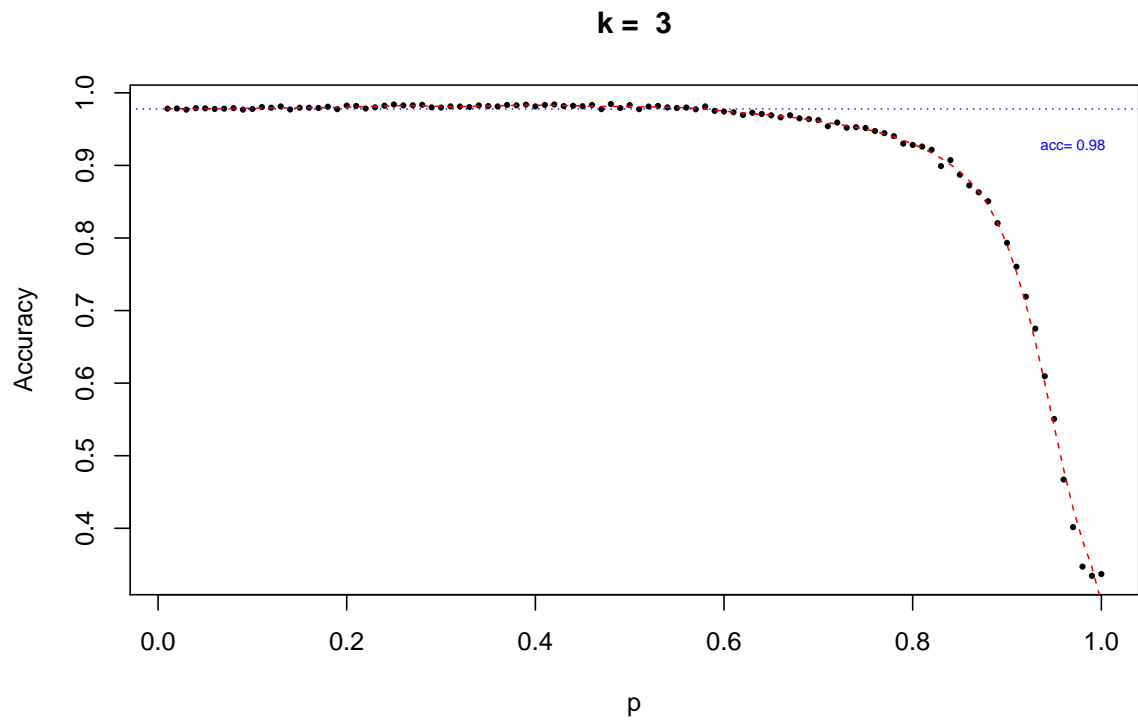
Figure 1: Iris k=1
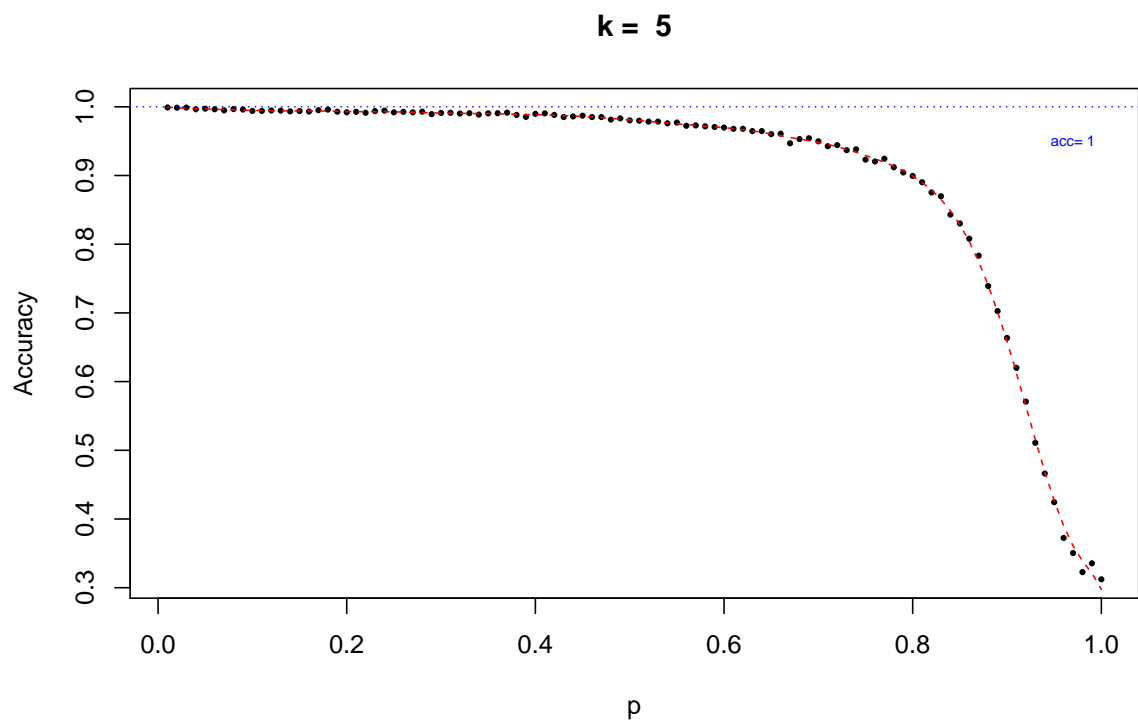
[1]https://archive.ics.uci.edu/ml/datasets/Iris

k = 3

Figure 2: Iris k=3

k = 5

Figure 3: Iris k=5

k = 7

Accuracy

acc= 1

p

Figure 4: Iris k=7

k = 9

Accuracy

acc= 1

p

Figure 5: Iris k=9

2   Zoo[2]

k = 1

Figure 6: Zoo k=1

[2]https://archive.ics.uci.edu/ml/datasets/Zoo

k = 3

Figure 7: Zoo k=3

k = 5

Figure 8: Zoo k=5

k = 7

acc= 0.71

Figure 9: Zoo k=7

k = 9

acc= 0.71
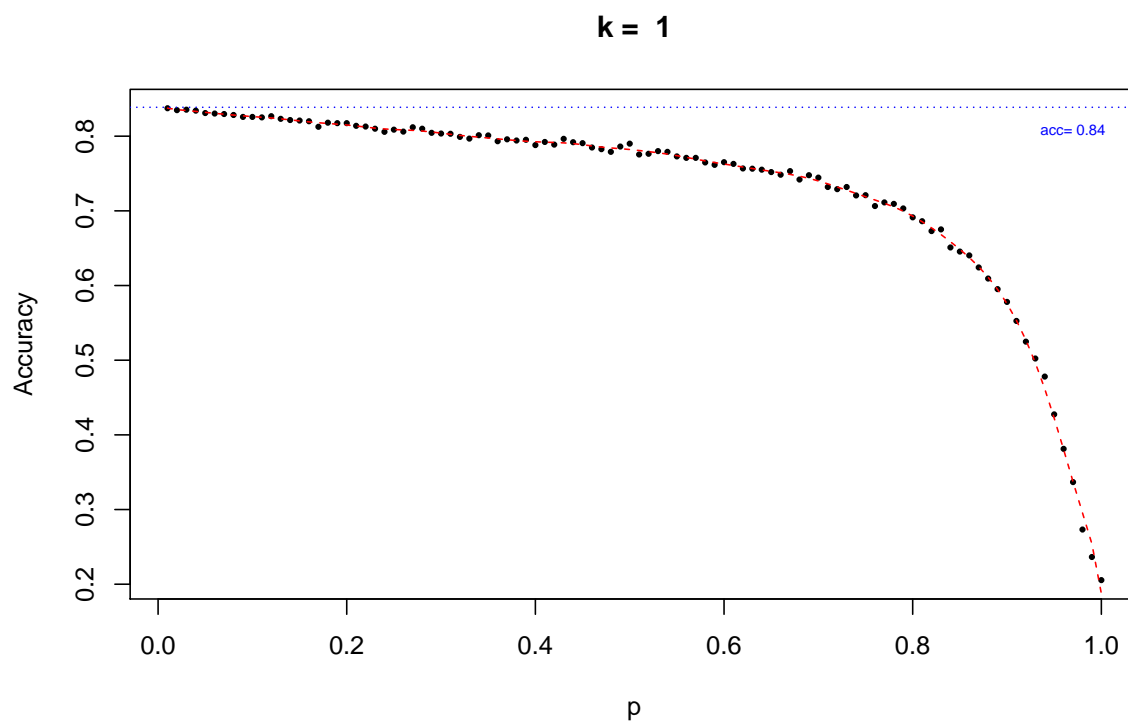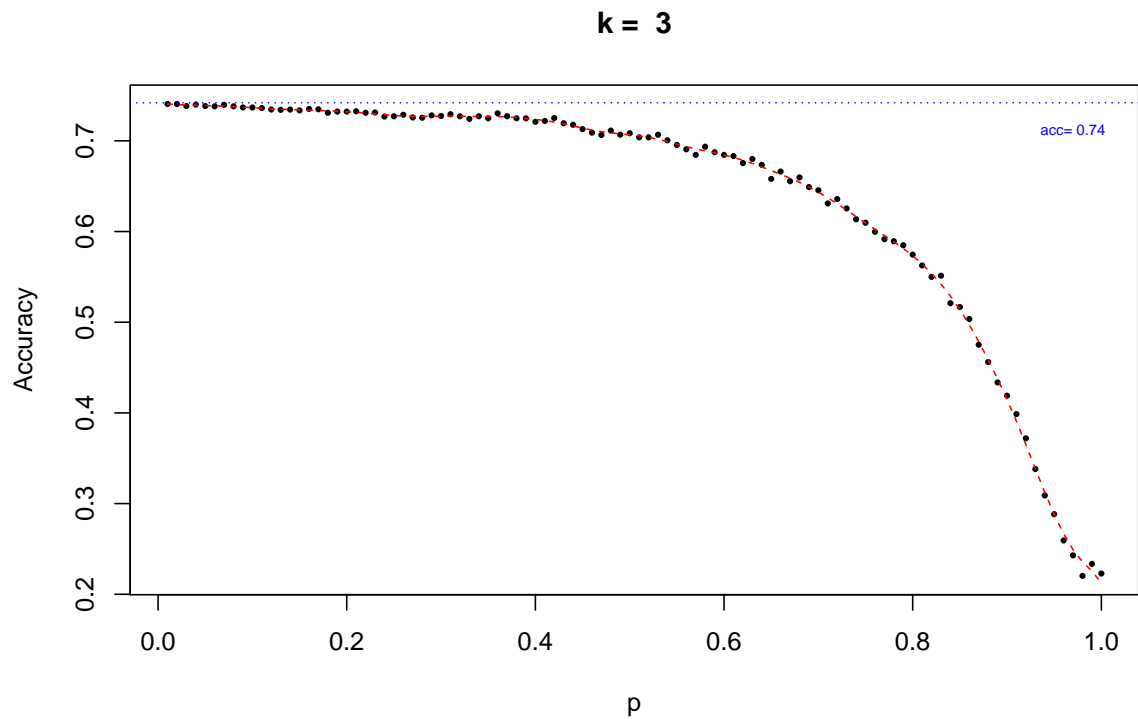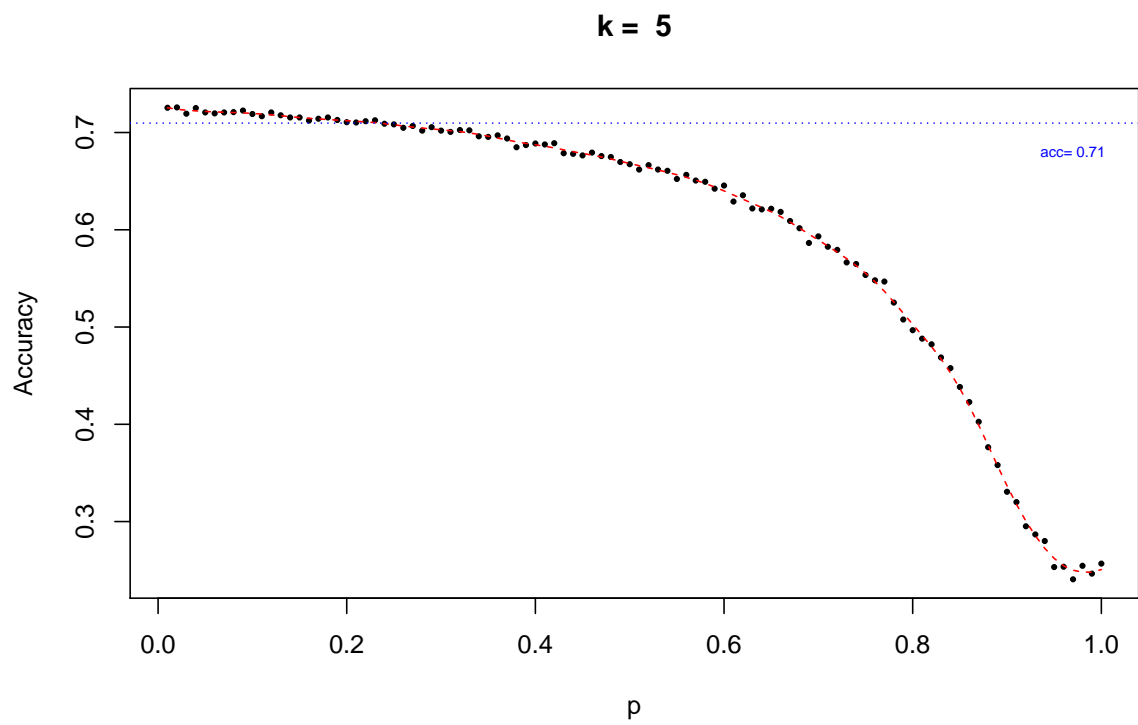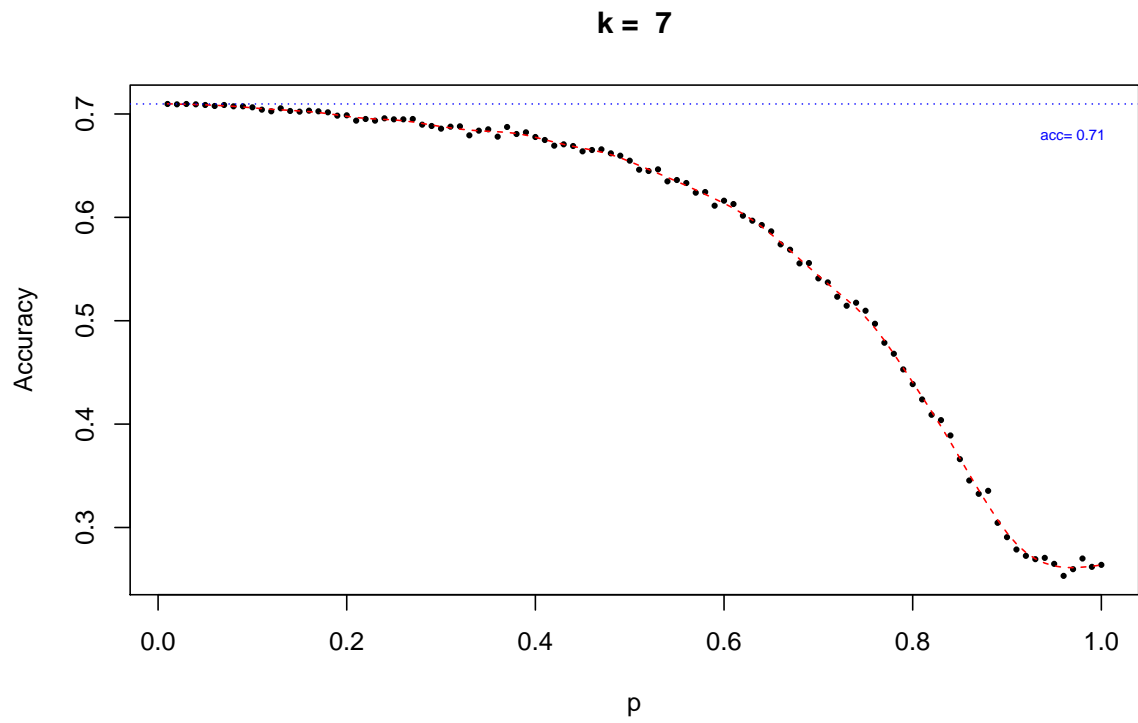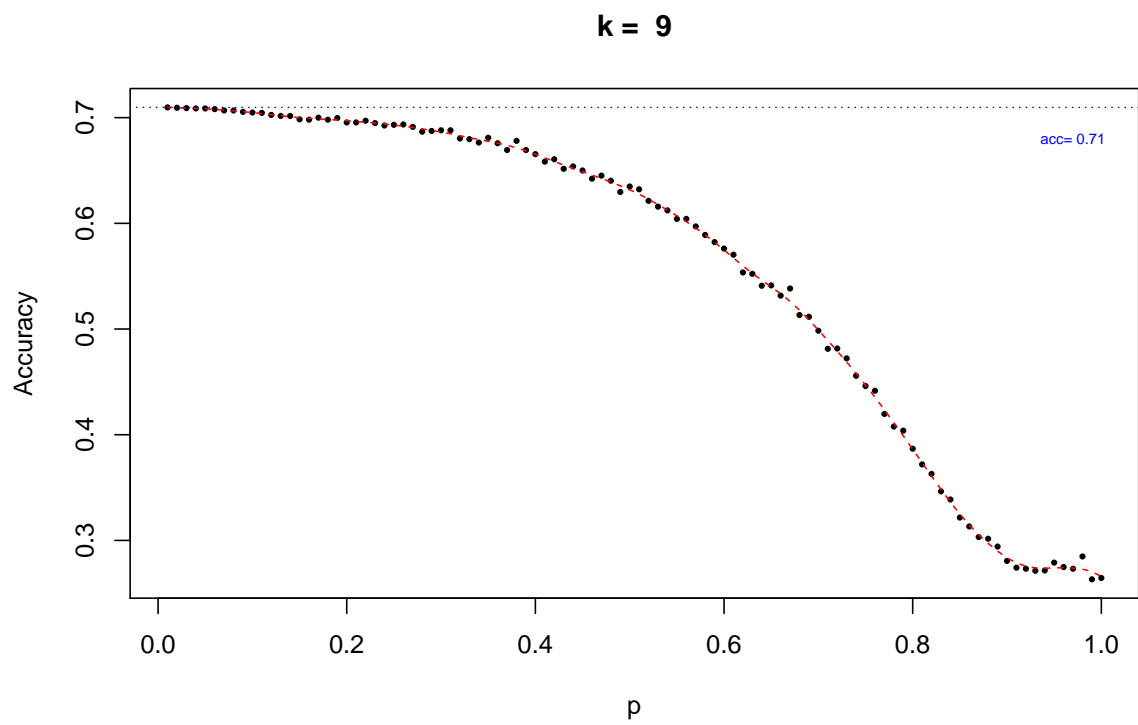
Figure 10: Zoo k=9

3 Seeds[3]

Figure 11: Seeds k=1

[3]https://archive.ics.uci.edu/ml/datasets/seeds
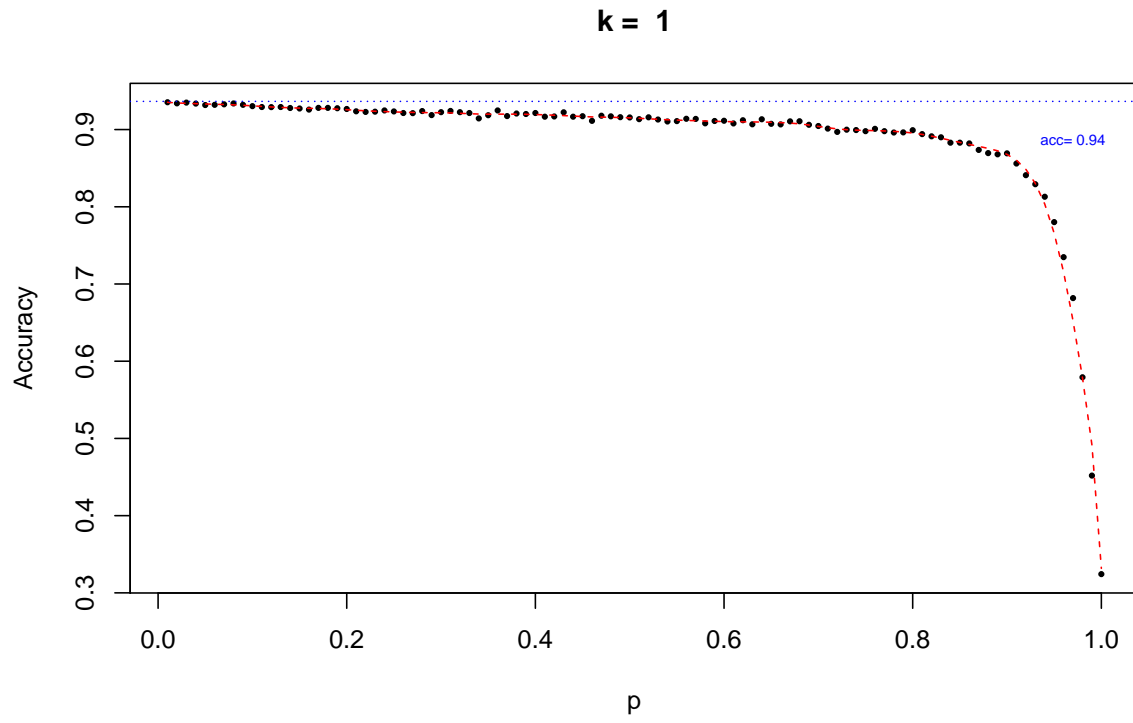
k = 3

Figure 12: Seeds k=3

k = 5

Figure 13: Seeds k=5

k = 7

Figure 14: Seeds k=7

k = 9
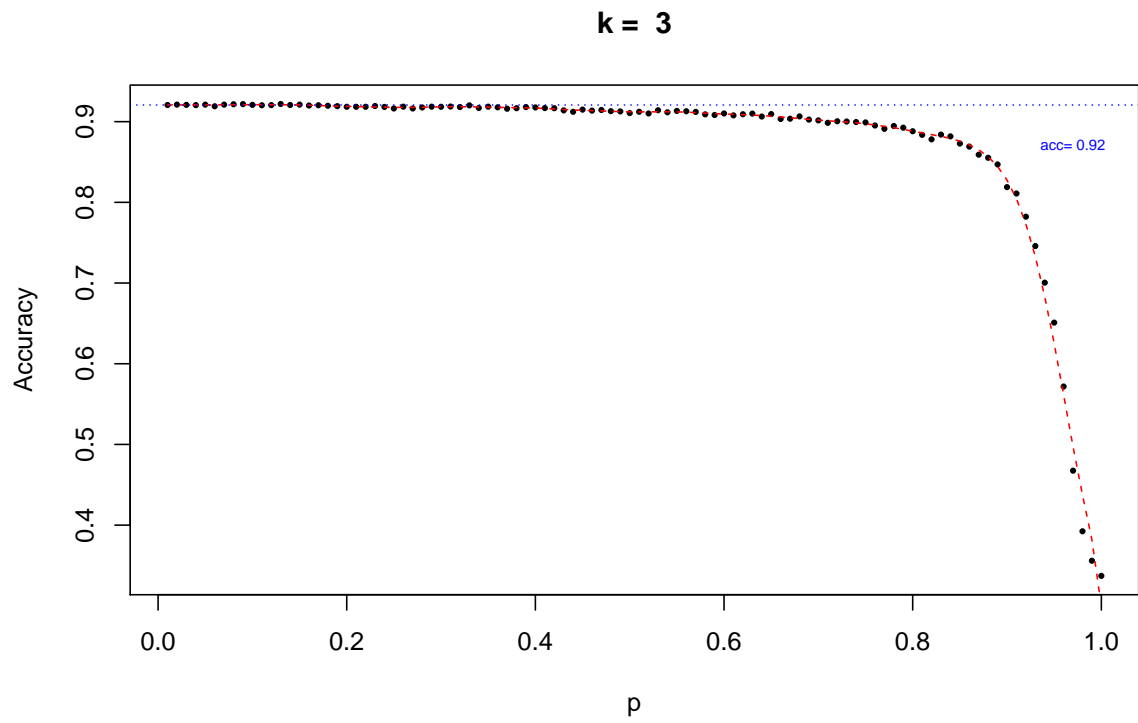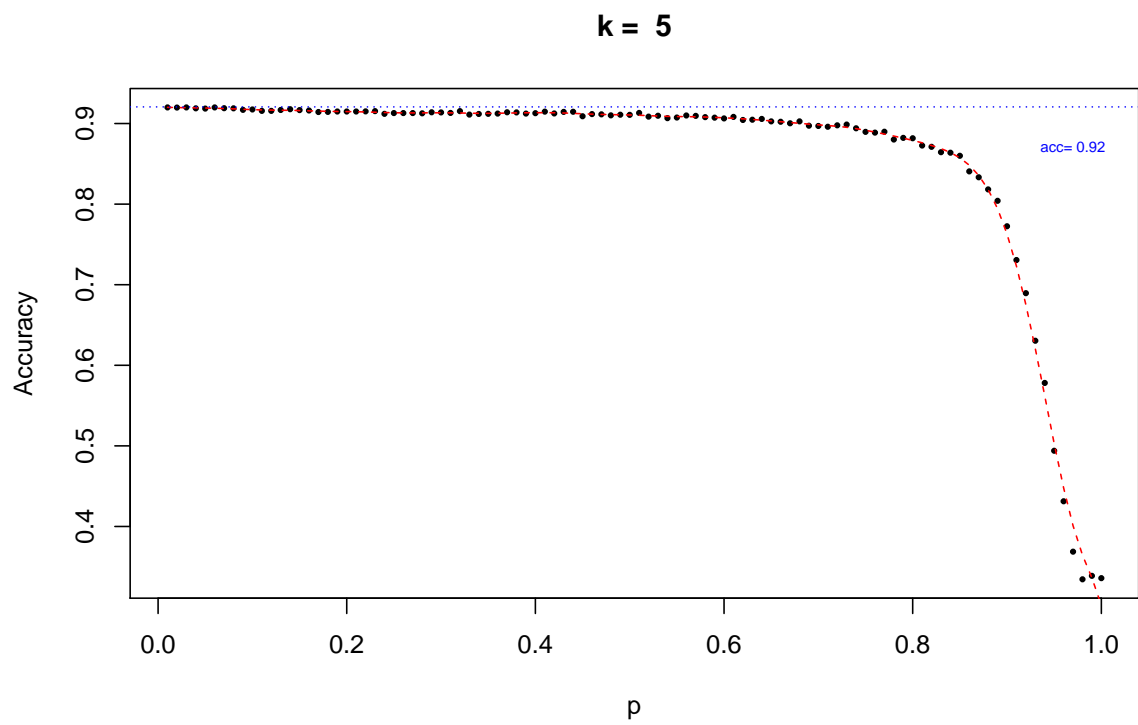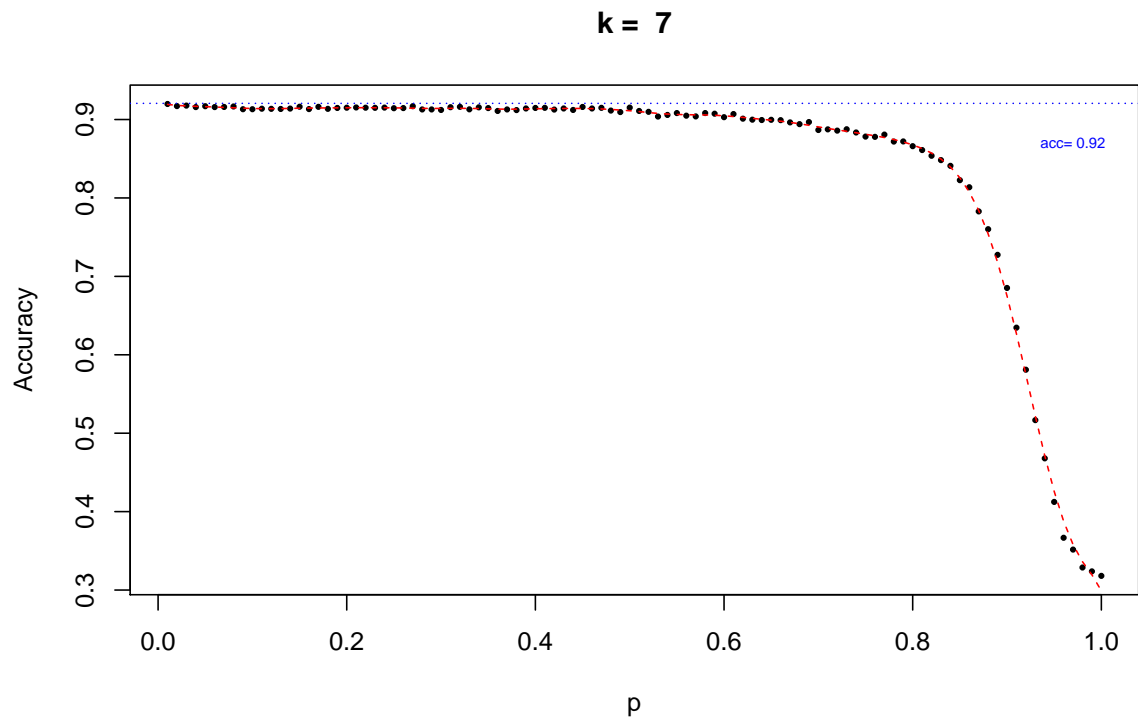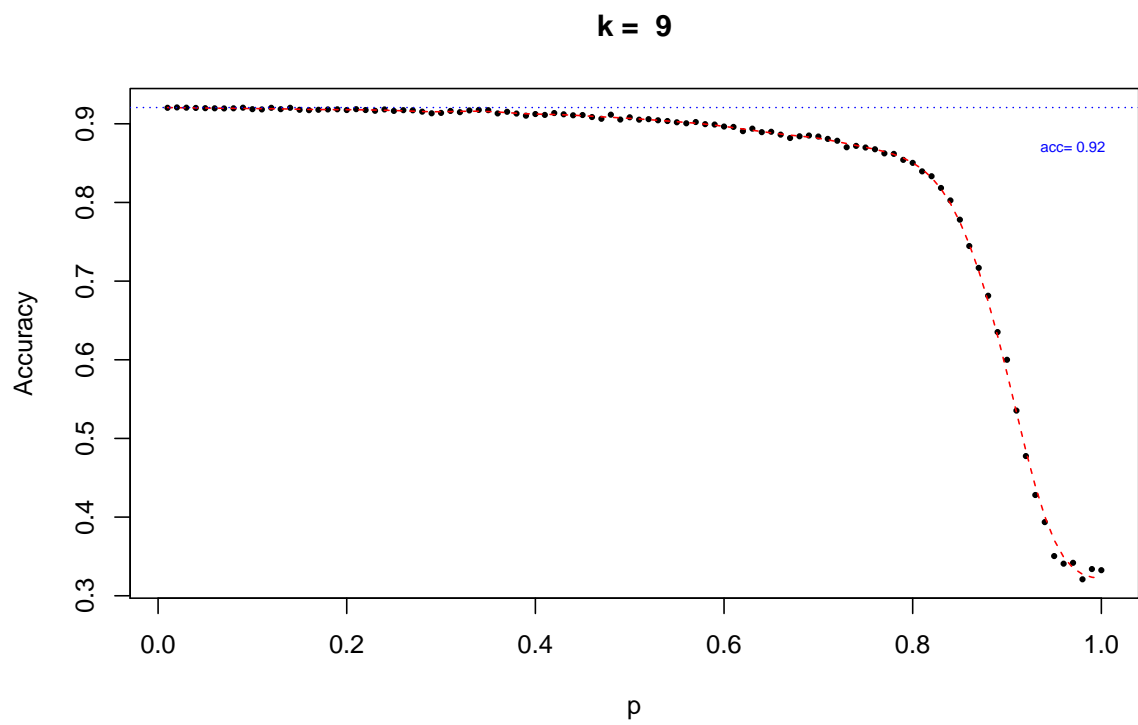
Figure 15: Seeds k=9

4 Wine[4]

Figure 16: Wine k=1

[4]https://archive.ics.uci.edu/ml/datasets/Wine

k = 3

Figure 17: Wine k=3

k = 5

Figure 18: Wine k=5

k = 7

Figure 19: Wine k=7

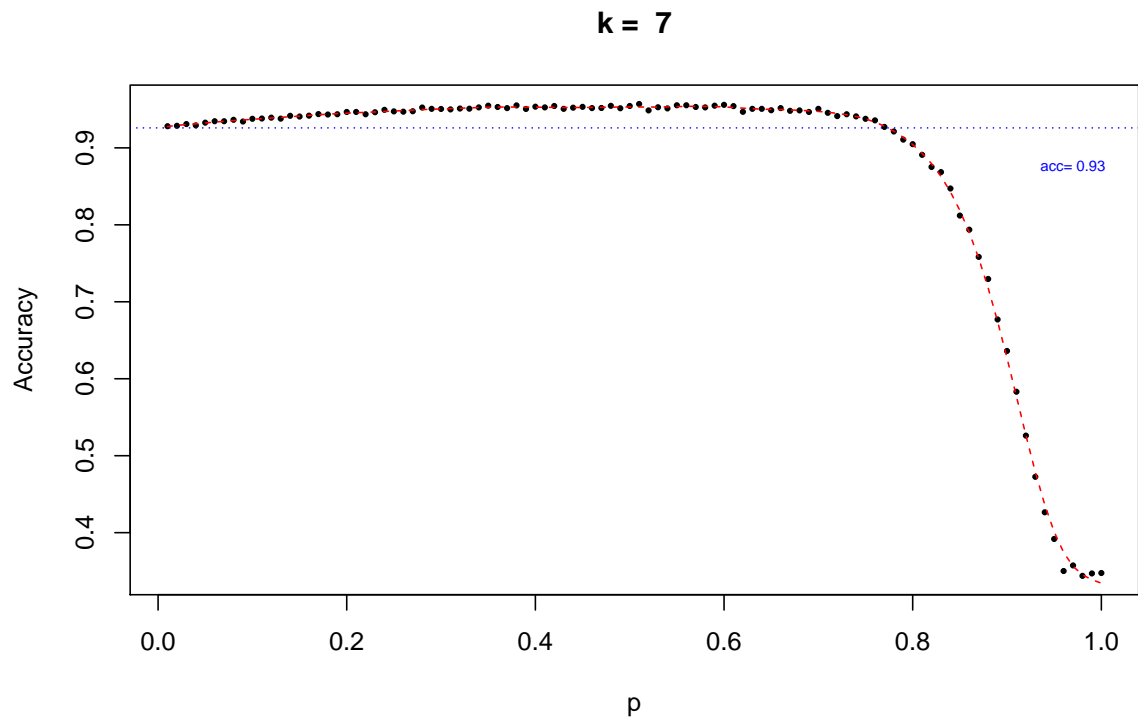**k = 9**
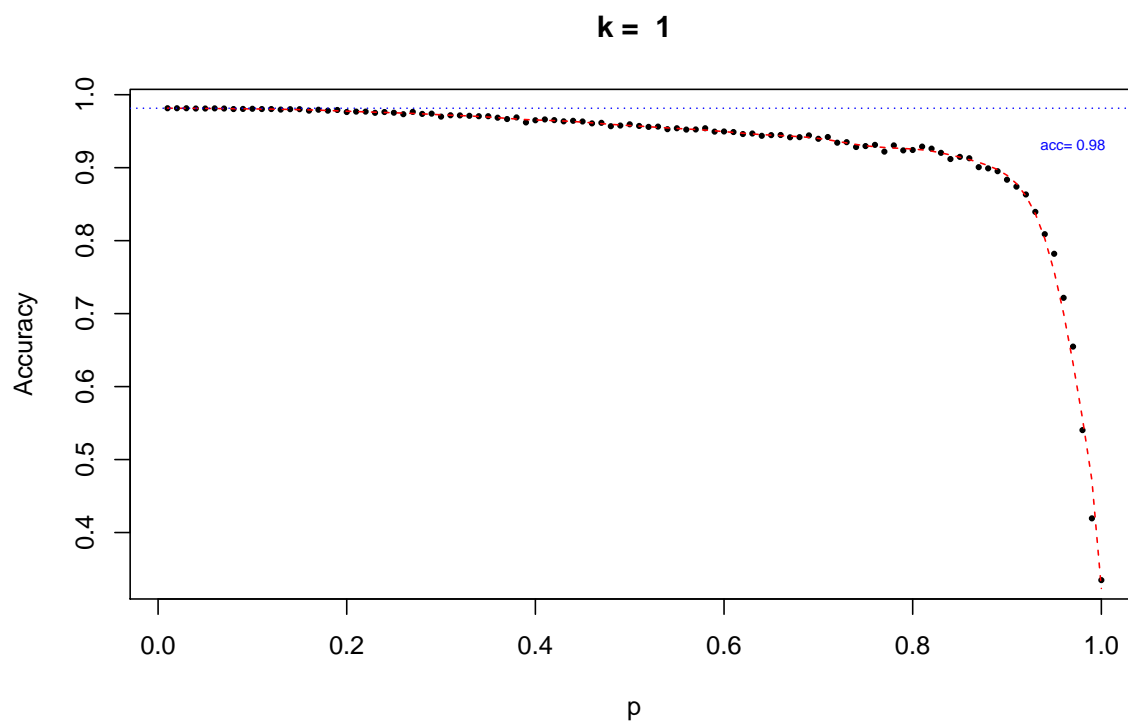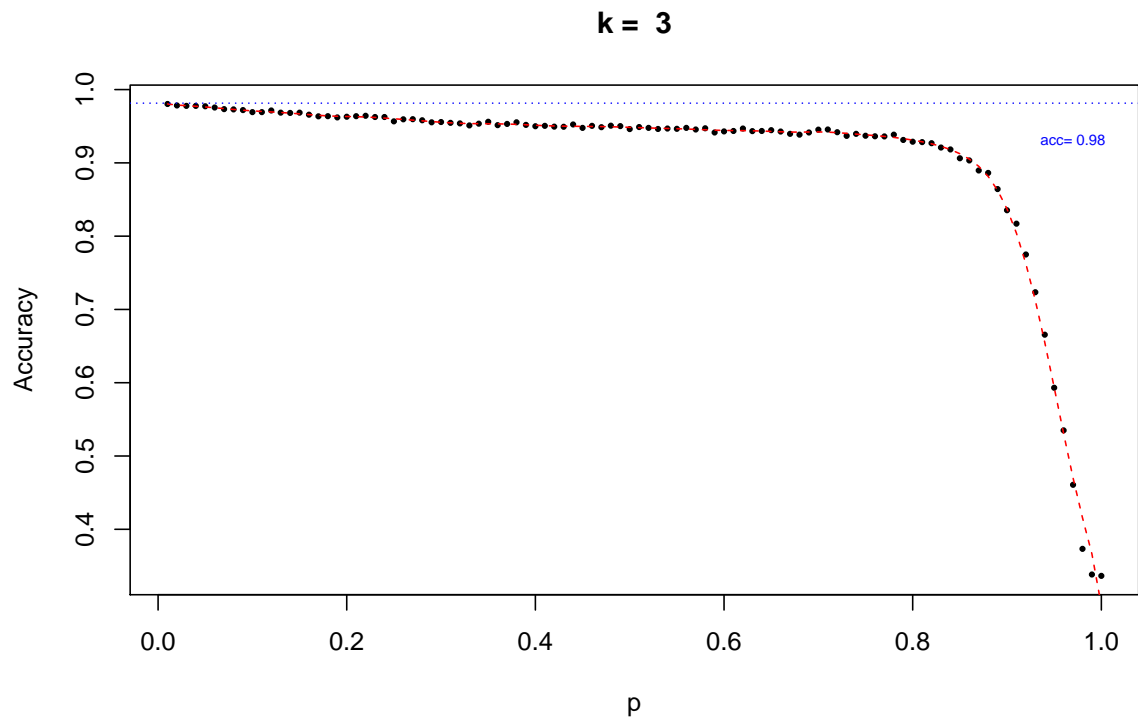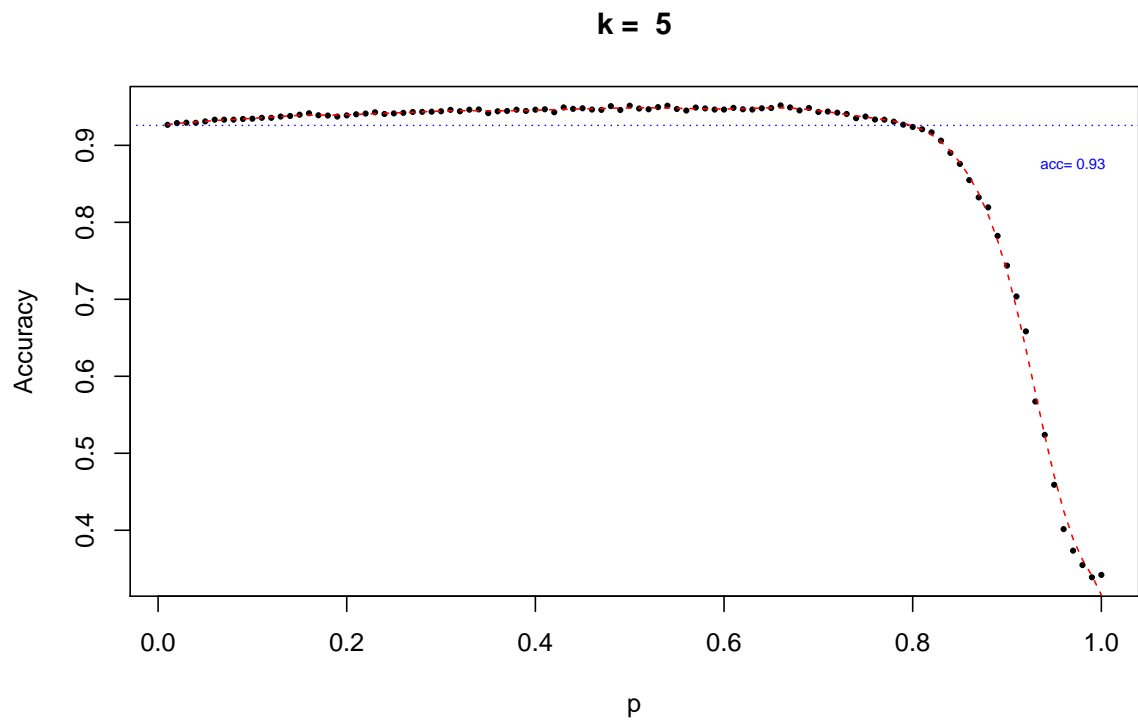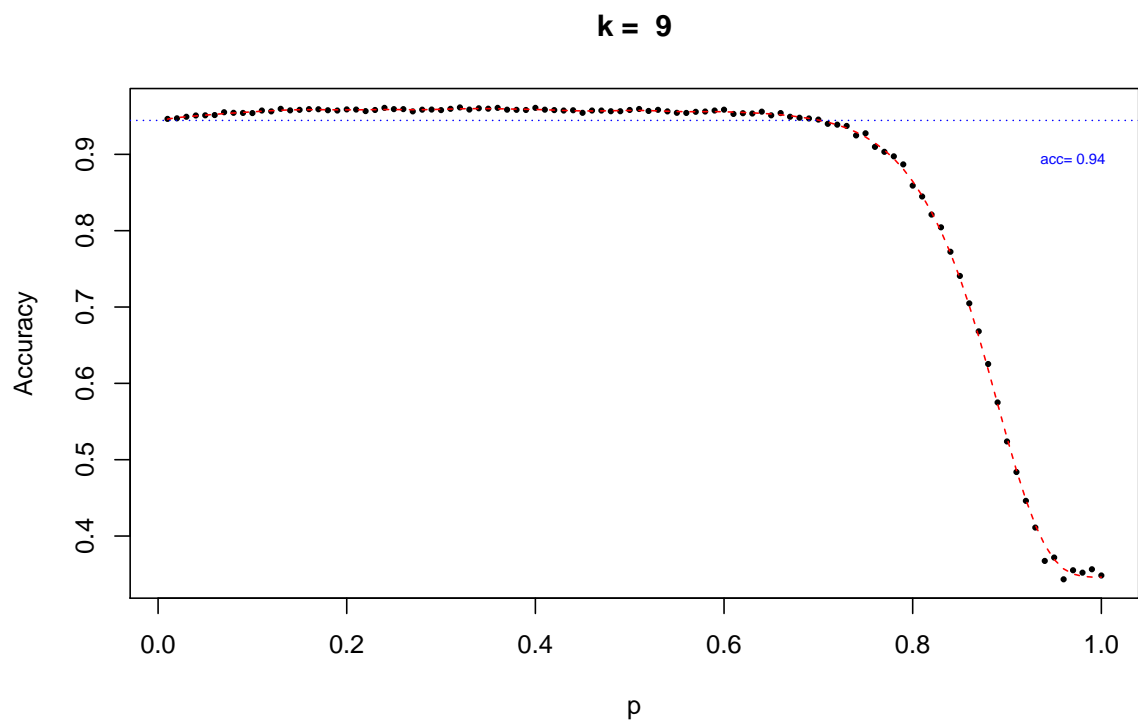

Figure 20: Wine k=9

5 Cancer[5]
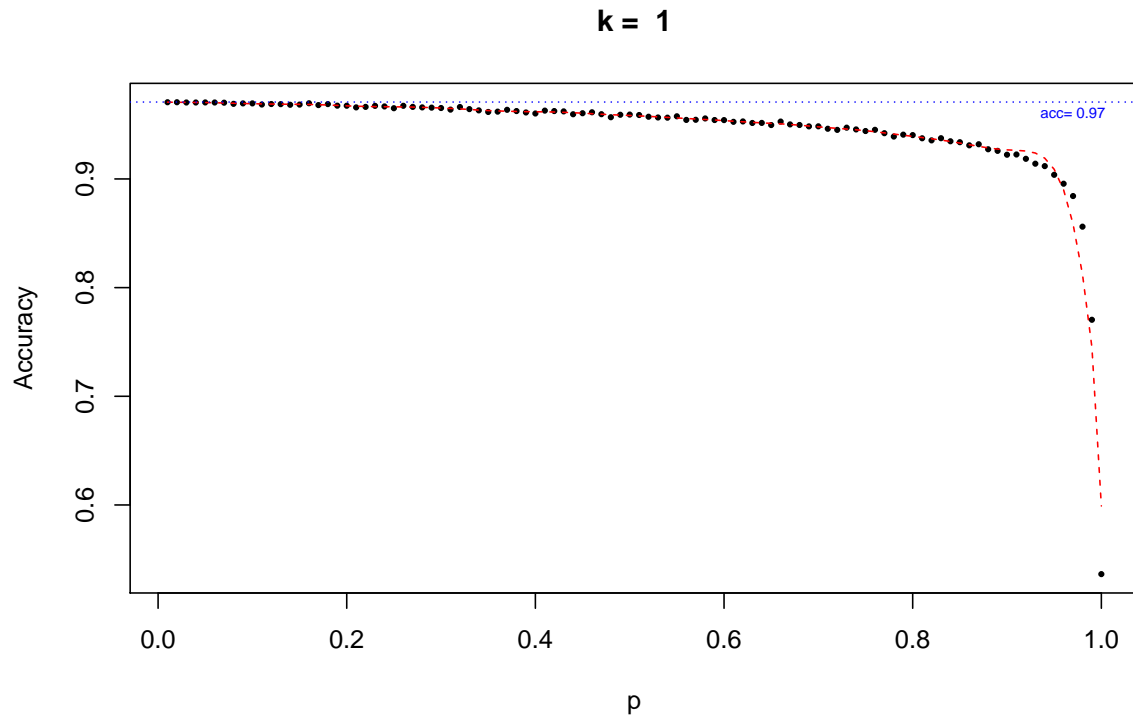
Figure 21: Cancer k=1

[5]https://archive.ics.uci.edu/ml/datasets/Breast+Cancer+Wisconsin+(Diagnostic)

k = 3

Figure 22: Cancer k=3

k = 5

Figure 23: Cancer k=5

k = 7
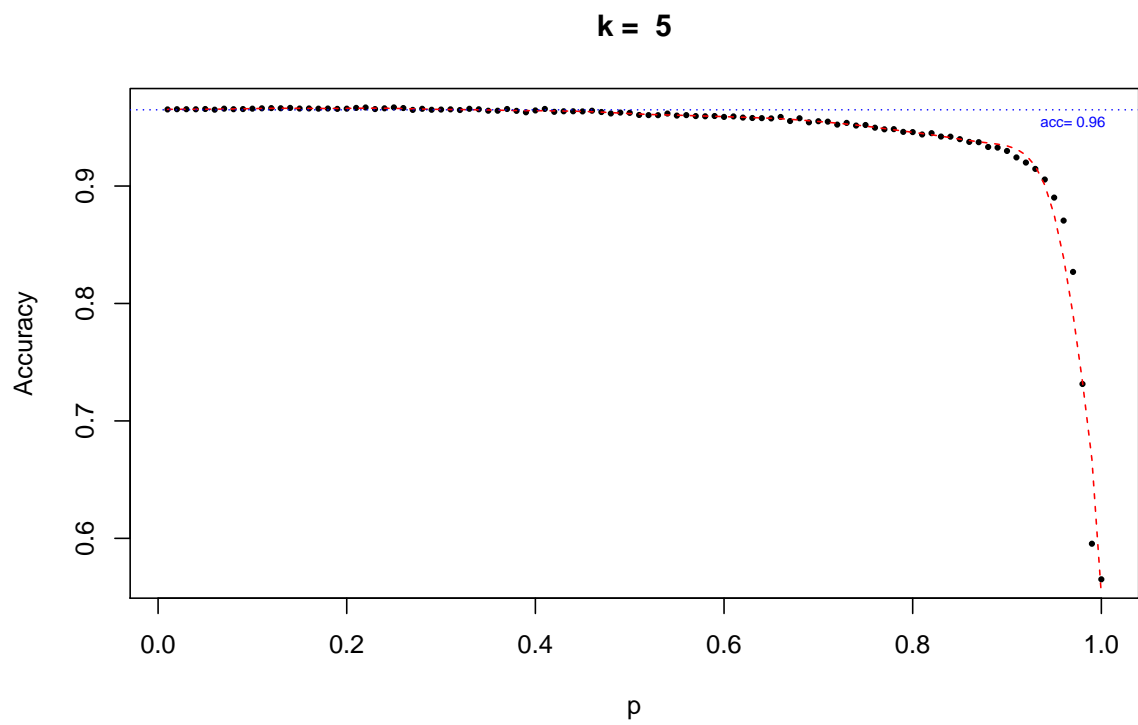

Figure 24: Cancer k=7

k = 9

Figure 25: Cancer k=9