ECS 132 Quiz 2

Geoffrey Mohn

TOTAL POINTS

35 / 35

QUESTION 1

1 Question 1 12 / 12

- √ + 6 pts y=0.93x+.38, Linear
- $\sqrt{+6}$ pts $1/(1+e^{-(.93+0.38x)})$, Logistic
 - + 3 pts Linear, Math error
 - + 3 pts Logistic, Math Error

QUESTION 2

2 Question 29/9

- √ + 9 pts Correct
 - + 5 pts N values are wrong
 - + 0 pts Wrong
 - + 6 pts Pk values are wrong
 - + 7 pts N values are wrong
 - + 6 pts Have to evaluate for N values
 - + 3 pts N values missing
 - + 4 pts Values are wrong
 - + 3 pts N values are wrong

QUESTION 3

3 Question 3 6 / 6

- √ + 2 pts *a*) Stdev = 1
- √ + 2 pts bi) 0.707
- √ + 2 pts bii) .577

QUESTION 4

4 Question 4 8 / 8

√ + 8 pts Correct

- + 0 pts Wrong
- + 3 pts Partially correct
- + 4 pts Decision tree missing
- + 4 pts Decision rule is wrong
- + 4 pts Decision rule is missing
- + 1 pts Wrong
- **+ 7 pts** x<1.2 and y>1.2 = Circle
- + 4 pts Partially correct, if conditions has to be

reverse.

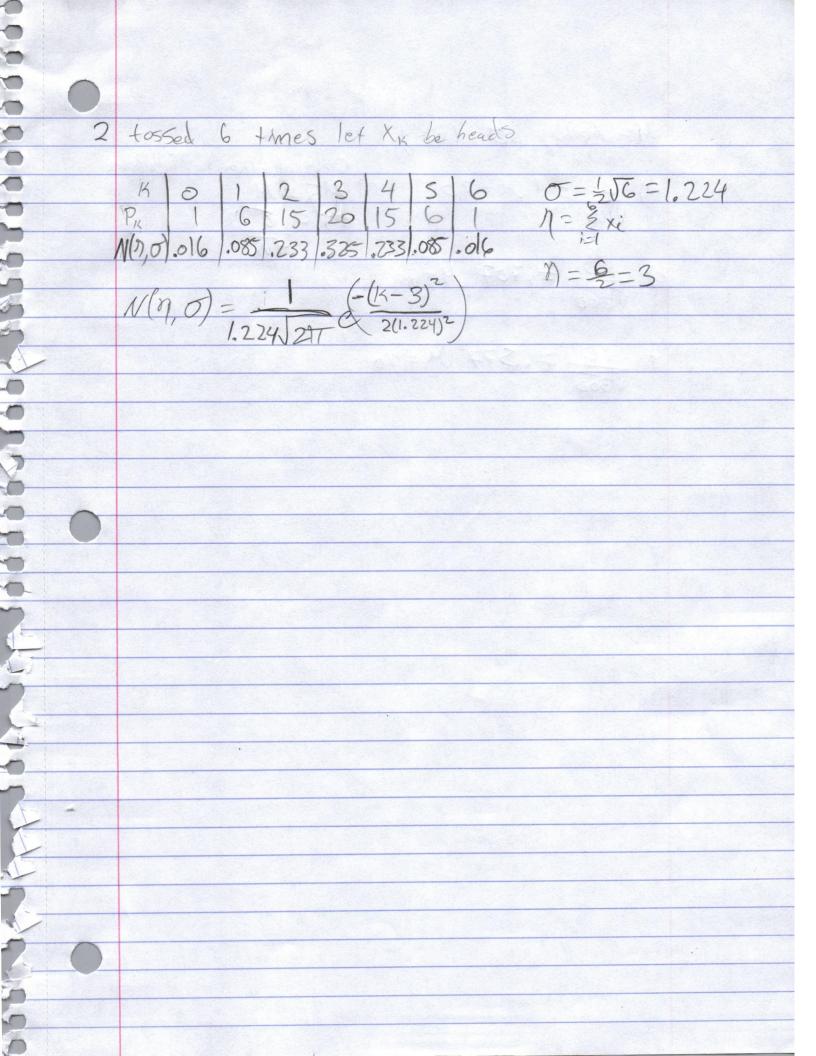
- + 5 pts Decision rule is missing
- + 4 pts Decision tree is wrong
- + 2 pts Wrong

2 4 6 7 3 3 5 8 2x=19 27220 2x2=105 242=110 Exy=107 B= (20.105-190107) - 67 - 249 6.105-192 - 269 6.105-192 6.107-19.20- 262 - 974 6-105-192 y=.249+ .974x let x=5 y=S.119 e. 24a+.974x) 1+ (.249+.974x) 4 6 7 7 326 773 . 900 .984 .998 . 499 Vange of Z vals 0≤Z≤1 Logistic Regression



1 Question 1 12 / 12

- **✓ + 6 pts** y=0.93x+.38, Linear
- **✓ + 6 pts** 1/(1+e^-(.93+0.38x), Logistic
 - + 3 pts Linear, Math error
 - + 3 pts Logistic, Math Error



2 Question 2 9 / 9

- √ + 9 pts Correct
 - + 5 pts N values are wrong
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 - + 6 pts Pk values are wrong
 - +7 pts N values are wrong
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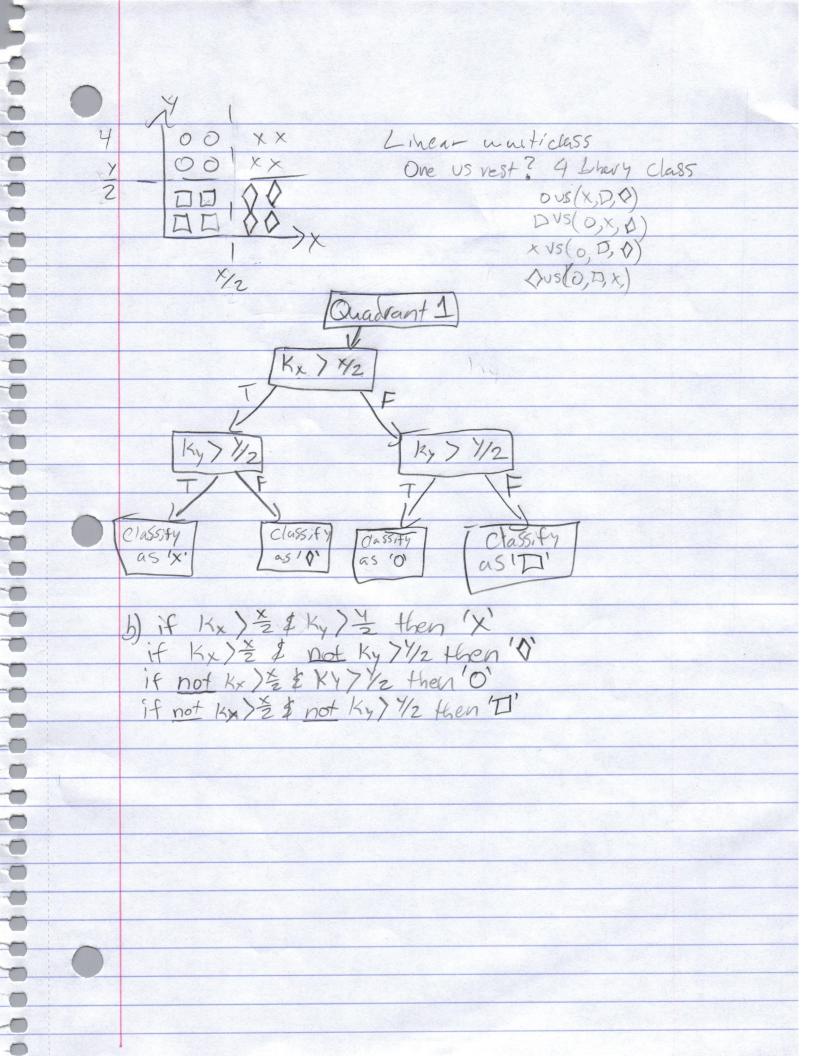
M= 70 Kg O=loKg Central /mit theorem TIN =,707 M=70 10 = . S77 M=70

3 Question 3 6 / 6

√ + 2 pts *a*) *Stdev* = 1

√ **+ 2 pts** *bi)* 0.707

√ + 2 pts *bii*) .577



4 Question 4 8 / 8

- √ + 8 pts Correct
 - + 0 pts Wrong
 - + 3 pts Partially correct
 - + 4 pts Decision tree missing
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 - + 4 pts Decision rule is missing
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 - **+ 7 pts** x<1.2 and y>1.2 = Circle
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