

Problem (circle) : R1 / R2 / A1 / A2 Group number _____

1. Formatting:

all margins 2.5cm

informative title

12 pt size

member names on all pgs

no raw R code or output

all pages numbered

max **7** pages

no blurry plots (**NOT png**)

2. Introduction/Background:

brief statement of scientific question

all variables defined

3. EDA:

univariate numerical

bivariate numerical (cor)

univariate graphical

bivariate graphical

4. Model fitting:

define model mathematically

state how model fitted (ie, LS)

CLEARLY describe how model selected

define all terms

5. Model assessment:

CLEARLY state model assumptions:

1. errors have mean 0
2. errors are homoscedastic (same variance)
3. errors are uncorrelated
4. errors are normally distributed

carry out assessment (graphics):

qq normal plot of residuals,

residuals vs. fitted

6. Write out final estimated model **mathematically**

hat on response variable

max **2 sig digits** on coefs

7. Plots:

label size (not too small)

informative captions

placement

NOT BLURRY

8. Conclusions

recap analysis

state and interpret

main findings

9. Overall presentation (clarity of explanations and language, appropriate citations / references) :

poor

satisfactory

good

excellent

[illegible]