

GLM: Name _____

1. Formatting:

all margins 2.5cm	informative title
12 pt size	name on all pages
no raw R code or output	all pages numbered
max 10 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:

give mathematical definition of model
state how model fitted (ie, maximum likelihood)
CLEARLY describe how model selected
define all terms

5. Model assessment:

CLEARLY state model assumptions:

1. count outcome Poisson
2. independent obs
3. linear relation between log count and linear predictor
4. conditional mean = conditional variance

carry out assessment (numerical / graphics):
scatterplots (linearity assumption)

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

hat on response variable
(ok if coefs in table)

max **2 sig digits** on coefs

7. Plots:

label size (not too small)

captions

placement

NOT BLURRY

8. Conclusions

recap analysis

state main findings

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

poor

satisfactory

good

excellent

10. Other comments:
