logistic: Name _____

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:

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. binary outcome 2. independent obs
3. linear relation between logit and linear predictor
4. no multicollinearity 5. no outliers (6. large sample size)

carry out assessment (numerical / graphics):
scatterplots of logit vs. predictors (linearity assumption)
Cook's distance / standardized residuals (outliers)
vif (to identify multicollinearity)

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. Language quality:

poor satisfactory good excellent

10. Other comments: