

surv: Name \_\_\_\_\_

1. Formatting:

all margins 2.5cm	informative title
12 pt size	name on all pages
<b>no raw R code or output</b>	all pages numbered
max 7 pages	no blurry plots ( <b>NOT png</b> )

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:

**KM (write out estimator and variance)** + log-rank test: state null / alt hyps, value of test stat, give null dist of test stat, p-value, conclusion (reject / do not reject)

state how model fitted (ie, maximum partial likelihood)

**CLEARLY** describe how model selected

**define all terms**

5. Model assessment:

**CLEARLY** state Cox PH assumptions:

1. hazards are proportional
2. linear form for covariates
3. no outliers

carry out assessment (graphics) and **EXPLAIN**:

Schoenfeld residuals (PH assumption)  
Martingale residuals (linear form for continuous variables)  
Deviance residuals (to identify outliers)

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:

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