discrete: 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:

cross-tabs mosaic plot

4. Testing independence:

define parameters; give null and alt hyps MATHEMATICALLY

test statistic MATHEMATICALLY and NUMERICALLY

null distribution of test statistic; p-value and conclusion + interpretation

define all terms

5. CMH test:

Explain clearly in words what you are testing

CLEARLY state null and alt hyps mathematically

test statistic MATHEMATICALLY and NUMERICALLY

null distribution of test statistic; p-value and conclusion + interpretation

ASSUMPTION for valid p-value

6. Woolf test:

null, alt, test stat, null dist of test stat, p-value, conclusion + interpretation

7. Plots:

label size (not too small) informative captions

placement explanations

8. Conclusions

1. recap analysis 2. state and interpret main findings

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

poor satisfactory good excellent

10. Other comments:

A – no / incomplete / insufficient references

B – cite PRIMARY refs (not course notes, not wikipedia, *etc.*)

C – interpretation (cannot conclude causation, only association)

D – use your OWN WORDS / no apparently unattributed quotations

E – Intro: **1.** Give context; **2.** Clearly state scientific question; **3.** Describe data

F – univariate graphical: histograms not boxplots

G – (mathematical) model misspecified / unclear

H – clearly EXPLAIN / INTERPRET PLOTS (don't just state conclusions)

I – plot size / aspect ratio (make 'pretty')

Other: