how I grade assignments

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About this document

Below you find my explicit expectations for how I expect your portfolio and assignments to be formatted. After the first round of feedback, more may be added. Changes will be indicated.
Note that you can use my *assignment_0_test_solution* to reveal my implicit expectations as well

Portfolio

- Make sure to include all assignments, if you leave one out, you fail
- Only knitted PDFs are acceptable
  - make sure that code in code blocks stay within the margin

Assignments

- Do all the exercises - if you leave some out, you are likely to fail
- The deadline for each assignment is the week after, one minute before the next class begins. (We will adapt when classes are not on Thursdays)
- Make sure the documents are nicely presented - you can use my solution *assignment_0_test_solution* as something that is nice (enough)
- Make sure that the solution file in named appropriately, e.g. *assignment_1_solution.pdf* would work (added Sep 12)

Feedback

- I will give general feedback based on assignments that are handed in on time
  - I provide individuals occasional oral feedback for assignments handed in on time
- Note special rules apply to assignment 1

Exercises

- Indicate clearly which exercise you are answering:

Exercise A - how to use mathematical operators (example 1)

1) how do you add numbers
   i. if there are two of them
   ii. if there are three of them

```
# i.
SUM2 <- 2 + 2
# ii.
SUM3 <- 2 + 2 + 2
```

2) how do you multiply numbers

i. if there are two of them
ii. if there are three of them

OR

Exercise A - how to use mathematical operators (example 2)

1) how do you add numbers
   i. if there are two of them
   ii. if there are three of them
2) how do you multiply numbers
   i. if there are two of them
   ii. if there are three of them

```
# 1i.
SUM2 <- 2 + 2
# 1ii.
SUM3 <- 2 + 2 + 2
# 2i.
PRODUCT2 <- 2 * 2
# 2ii.
PRODUCT3 <- 2 * 2 * 2
```

- Add message=FALSE to blocks that read in packages using *library*
- When you supply text answers with *print()*, remember to set echo=FALSE and remember to indicate what exercise you are answering in the print statement
- When you supply text answers in RMarkdown, make sure to write the Greek symbols, rather than writing them out, e.g.: `$\hat\sigma$` = $\hat{\sigma}$

Examples

````
{r, message=FALSE}  ## add backticks `
library(lme4)
````

````
{r, echo=FALSE}  ## add backticks `
print('A3.iii: Some text answer')
````

Plots

- Make sure that the ticks on x- and y-axes correspond to something (especially for *fields::image.plot()*)
- For design matrices, have predictors on the x-axis
- Have meaningful x- and y-labels. Give it a name and indicate a unit if any

- Give plots meaningful titles
- If possible, indicate the uncertainty of estimates, and indicate what they are, e.g. 95 % confidence intervals