

# Peer Review 2

Natalia Zuniga-Garcia

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## 1 Description

I went through the documentation available in the student's GitHub page by April 6, 2018.

- Student evaluated: Sareh Kouchaki (<https://github.com/Sarehkch/Statistical-Modeling-II>)
- Assignment reviewed: Sections 2 and 3

## 2 General Comments

- You posted your solutions in a PDF format and attached all the code you used.
- You presented the solution of the exercises providing a wide description of the procedure, which makes easier to understand the process you followed.
- Your solutions are very straightforward and easy to follow.
- I really liked that you added a link or the references you used for the solutions. This can help other readers if they follow your results.
- You explained broadly all the math derivations including the steps.
- Your GitHub page is very organized, I would encourage you to add more description of the documentation in a README.md file in case someone else, out of the course, would like to check on your results and on your code.

## 3 Specific Comments

- **Code Style Evaluation:** I know this is not a coding course but I checked on your code and I would like to provide some feedback on the coding style. I based my comments on <http://adv-r.had.co.nz/Style.html>.
  - When assigning values to objects, try to use consistently `<-` instead of `=`. I noted that in Section 2 you used `=`, generally is better to use `<-`, in Section 3 you used it correctly.
  - Try to place spaces around all infix operators (`=`, `+`, `-`, `<-`, etc.).
  - You separated sections of your code using `#####`, this is very positive because helps to separate exercise and main code part, which makes it easier to follow.
  - Another positive comment is that you explained every part of the code, commenting on the respective section.

- **Exercise 2.2:** Optionally, you can add the interpretation of the parameters at the end of your derivation, this will help you to see how the multivariate and univariate form change.
- **Exercise 3.7:** I had issues understanding this question and you provided a wide solution that helped me go through it.

## 4 Summary

Dear Sareh,

I tried to provide you good feedback. I tried check in detail your documentation so you can improve, and this helped me as well. I learned from your code and derivation. I hope you learn from my review.