HEAD>> Ask for feedbacks

Good afternoon, everyone! Welcome back to the lecture after a week off. I hope you all had a refreshing break. In this week, we will close the topic 3, learn how statisticians conduct model diagnostics.

I have got two questions for you.

1. Do you prefer we keep doing what we did in the lecture 4? In lecture 4, we kind of writing code to solve problem in the class together. Personally, I feel help you to understand the concepts better. But someone may feel it a bit slow. As I have little idea about your statistic and coding background, I hope to find a way that works for most of you.
2. Would you like us to delve into the fascinating subjects of deep learning and transfer learning, which are currently very popular and trending? Initially, I have prepared a lecture that includes hands-on coding exercises for you. This lecture was originally designed for university undergraduates. However, I am uncertain about your level of interest in learning these concepts. Additionally, we typically utilize Python for coding, which differs from R. Hence, I am unsure if you are comfortable with that. If half of you prefer to stick with R code and statistics, we can focus on traditional statistics topics like experimental design. However, if you're interested in exploring new technologies and are comfortable with delving into Python coding, let's immerse ourselves in the fascinating world of deep learning and machine learning.

In addition, I would like to take a moment to gather some feedback about my previous lectures. Throughout the course, I've aimed to create an interactive and engaging learning environment. However, lacking feedbacks kind of blinds my eyes and makes me feel a little bit upset.

So, please take a moment to share any thoughts or suggestions you may have. For those who are here with us, you can use chat to communicate. For those who prefer direct messages, communication through slack channel and email are also very welcomed. Your active participation is not only important for your own learning but also for making our future lectures even more beneficial and enjoyable. In addition, they are important in shaping future courses and in my professional development as a university professor.

Thank you for your participation and we look forward to hearing from you.

In class practice problem 15:

Ok. That’s all I want to share with you today. Now let’s have the last in class practice problem for model selection. This problem is designed to simulate real-life statistical challenges, allowing you to apply all the concepts we have learned throughout the course. I encourage you to actively participate and follow me along as we work through this problem together. By doing so, we can further enhance your understanding and reinforce what you have learned in previous classes.

If you feel the need for additional practice, you can always refer to assignment 2. Otherwise, we will switch gear and continue with new topics about model diagnostics tomorrow.

Assignments:

There are two assignments and I have already uploaded them to google drive. Although they won’t be graded, I highly encourage you to take a look at them. There are only six assignments in total, three for each assignment. Completing them will provide valuable practice and enhance your problem-solving skills. Don't miss out on this opportunity to delve deeper into statistical modelling and gain a greater understanding.

In addition, I also posted the answers for assignment 1. I encourage you to take advantage of this valuable resource and double-check your own answers. By accessing the assignment answers, you can compare your solutions and evaluate your understanding of the subject matter. This process allows you to identify any areas where you may need additional practice or where you have excelled. It is an opportunity for self-assessment and continuous improvement.

As you review the answers, don't hesitate to reach out if you have any questions or need further clarification.

Best of luck with your assignments, and I look forward to seeing the progress you make.

>>End of class. Express gratitude and ask for positive feedbacks

That’s mark the end of statistical modelling with data. For the rest of the two lectures, I will introduce basic ideas about deep learning and let’s build a deep learning model together.

Now, I would like to take a moment to express my gratitude to all of you for being a part of this course until now. Together, we have successfully completed seven lectures.

Additionally, I would like to inform you that a survey will be posted on the slack channel this Friday. I encourage all of you to participate in this survey. Your active participation is not only important for your own learning but also for making our future lectures even more beneficial and enjoyable. In addition, they are quite valuable to me, especially as I aspire to pursue an academic career as a professor in statistical genetics. Statistics is a fascinating field, and I am passionate about applying it to real-life questions, particularly in identifying genetic mutations related to human disease.

Finally, for those who have attended six lectures in this section, we will provide the certificate in the next week through email. Keep an eye out for that!

Thank you for your participation and we look forward to seeing you tomorrow.

Now, I would like to take a moment to express my gratitude to all of you for being a part of this course until now. Together, we have successfully workshop.