This session is an opportunity for students to apply what they have learned in the previous session (The Anna Karenina Principle), as well as to engaged in a more reflective and contemplative approach to reading reported results. Each student should read all three papers below before hand, and pay special attention to the paper he wants to focus on.

Submit your pre-session report (on the paper you want to focus on) to wongls@comp.nus.edu.sg before the session; the report should address the questions (i.e. what the paper talking about, and what analysis or methodological bugs you think the paper might have). After session, submit your post-session report to wongls@comp.nus.edu.sg; the report should summarize any new insight you have gained from the session’s discussion on the paper, and also comment on what you write in your pre-session report.

The papers are:

Project 1. Vanderbilt Study: GRE score and PhD performance
What are the main claims of this study?
Can you find some analysis/methodological bugs that might invalidate some of these claims?

Project 2. Lung cancer and Doppelgangers
Coudray et al. Nature Medicine 24:1559-1567, 2018
What are the main claims of this study?
Can you find some analysis/methodological bugs that might invalidate some of these claims?

Project 3. Protein function and Twilight Zone
Seo et al. Bioinformatics 34(13):i254-i262, 2018
What are the claims of this study?
Can you find some analysis/methodological bugs that might cast doubts on these claims?