This Week's objective: study (and maybe use) Recon, a tool for BCR repertoire diversity estimation

Readings: Robust estimates of overall immune-repertoire diversity from high-throughput measurements on samples

Objectives/ study questions :

How Recon measures the diversity of a complex system? What are the metrics?
How can we use this tool? (Input, output, parameters, interpretation)

It is not very realistic to do all of that in 4 days; therefore, I suggest working on the paper first to see the metrics and measures and why they have been used. Moreover, it is essential to know how we should interpret each of the results. Finally, if you have time, try to install Recon and run it with the test data sets available in their GitHub repository.

Write a report of what you have done and the challenges.

Good luck!