

Dortmund, September 18, 2023

To whom it may concern,

Akash Chandra Baidya worked as a graduate assistant in the Research Training Group (RTG) 2624 “Biostatistical Methods for High-Dimensional Data in Toxicology”. He was mainly supervised by Dr. Franziska Kappenberg, who is working as a postdoc in the RTG, affiliated with my chair “Statistical Methods in Genetics and Chemometrics”.

As part of his work, he first has familiarized himself very successfully with the theory and analysis of identifying differentially expressed genes in RNAseq gene expression experiments. Then he applied this knowledge to implement an R program that can be used for simulating realistic datasets with desired properties. This program will be helpful for the future comparison of statistical methods for analyzing gene expression data in controlled scenarios. The progress of his work was discussed regularly once per week, and he was always well prepared and open for suggestion from the supervisors.

Akash Chandra Baidya was working on this project, as typical, for one semester, starting in April 2023, and finishing in September 2023. Personally, I know Akash Chandra Baidya as a friendly and motivated student, and he has performed the tasks to our full satisfaction. I wish him all the best for his future career.

Sincerely,



Prof. Dr. Jörg Rahnenführer