

Your seminar details

Course: **Advanced Topics in Biostatistics (online)**

Contact: Seufert, Lara

Topics:

- Analysis of Variance
- Multiple linear regression
- Logistic regression
- Dose-response modeling
- Non-parametric methods
- Diagnostic tests
- Measuring agreement
- Survival analysis: Kaplan-Meier, logrank
- Survival analysis: Cox PH regression
- Design of clinical trials
- Multiple Testing
- Linear mixed models
- Introduction to Bayesian thinking
- Issues in Statistical Practice: Errors, missing data, and reproducible research
- Statistical issues in bioinformatics: Screening different types of omics data
- Statistical issues in bioinformatics: Gene set tests
- Statistical issues in bioinformatics: Unsupervised learning and visualisation
- Statistical issues in bioinformatics: Supervised learning
- Validation of statistical models: Cross-validation, bootstrapping & Co

Date:	Time:	Location:
7. Okt. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
14. Okt. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
21. Okt. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
28. Okt. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
4. Nov. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
11. Nov. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
18. Nov. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
25. Nov. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
2. Dez. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
9. Dez. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
16. Dez. 2020	09.00 10.00	online, virtueller Kursraum/virtual classroom
13. Jan. 2021	09.00 10.00	online, virtueller Kursraum/virtual classroom
20. Jan. 2021	09.00 10.00	online, virtueller Kursraum/virtual classroom
27. Jan. 2021	09.00 10.00	online, virtueller Kursraum/virtual classroom
3. Feb. 2021	09.00 10.00	online, virtueller Kursraum/virtual classroom
10. Feb. 2021	09.00 10.00	online, virtueller Kursraum/virtual classroom
17. Feb. 2021	09.00 10.00	online, virtueller Kursraum/virtual classroom
24. Feb. 2021	09.00 10.00	online, virtueller Kursraum/virtual classroom
3. Mrz. 2021	09.00 10.00	online, virtueller Kursraum/virtual classroom

Trainer: Prof. Dr. Annette Kopp-Schneider

In case you are not able to attend this course, please inform us as soon as possible.

Do you have any question? Please do not hesitate to contact us.

We wish you a successful participation.

Kind regards,

Your Advanced Training Team
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