

A Quarto Presentation

My subtitle

© Prof. Dr. Stephan Huber

In the morning

Getting up

- Turn off alarm
- Get out of bed

Breakfast

- Eat eggs
- Drink coffee

In the evening

Dinner

- Eat spaghetti
- Drink wine

Going to sleep

- Get in bed
- Count sheep

Topics

The following topics primarily correspond to specific chapters from the book by Spiegelhalter (2019). The dates when each presentation will take place are shown in column 1 of Table 1. Topics will be randomly assigned to students who have officially registered. I communicate the assignment on October 17 in class and a bit later on ILIAS. The last column of Table 1 contains the assignments, including the initials and matriculation numbers of registered students.

If you do not see your name on the list but have registered, please inform me as soon as possible. Please note that the presentation day is an official examination day, and failure to attend will result in a grade of 5.0. Ensure you do not miss this important day.

Table 1: Topics, students, and dates

Date	Topic	Literature	Student
21.11.2024	What is machine learning	(Starmer, 2022)	AKZ (400391308)
28.11.2024	Algorithms, analytics, and prediction	(Spiegelhalter, 2019 , ch. 6)	BP (400394562)
05.12.2024	How sure can we be about what is going on?	(Spiegelhalter, 2019 , ch. 7)	JIS (400792151)
05.12.2024	Data manipulation with the R package dplyr	(Wickham & Grolemund, 2023)	MAR (400862115)
12.12.2024	Probability: the language of uncertainty and variability	(Spiegelhalter, 2019 , ch. 8)	MKF (400797123)
12.12.2024	Putting probability and statistics together and answering questions	(Spiegelhalter, 2019 , ch. 10 and 11)	NS (400383355)
19.12.2024	How things go wrong and how we can do statistics better	(Spiegelhalter, 2019 , ch. 13 and 14)	WK (400594759)
19.12.2024	Rational decision making with decision support systems	(Huber, 2024)	HT (400861287)
19.12.2024	Data mining for decision making	(Hahsler, 2024 ; Tan et al., 2018)	KR (400383363)

References

- Hahsler, M. (2024). *An R companion for introduction to data mining*. figshare. <https://doi.org/10.6084/m9.figshare.26750404>
- Huber, S. (2024). *Managerial economics: Lecture notes*. <https://hubchev.github.io/me/>
- Spiegelhalter, D. (2019). *The art of statistics: Learning from data*. Penguin UK.
- Starmer, J. (2022). *The StatQuest illustrated guide to machine learning*. Independently published.
- Tan, P.-N., Steinbach, M., & Kumar, V. (2018). *Introduction to data mining* (2nd ed.). Pearson.
- Wickham, H., & Grolemund, G. (2023). *R for data science (2e)*. <https://r4ds.hadley.nz/>