Simulation Exercises

1. Markov Chains/Processes
2. Dynamical Systems

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Time spent on Markov task

- 12 groups reported time spent on the assignment:

  - Average time: 10.2 hours (11.7 hours 2021)
  - Standard deviation: 3.3 hours (7.9 hours 2021)
  - Range (min, max): 6 to 15 hours

  Special thanks to those students who provided personal comments on how to improve and modify the simulation task for the future.

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Time spent on DynSys task

- 12 groups reported time spent on the assignment:

  - Average time: 9.9 hours (9.4 hours in 2021)
  - Standard deviation: 3.8 hours (3.7 hours in 2021)
  - Range (min, max): 4 to 16 hours

  Special thanks to those students who provided personal comments on how to improve and modify the simulation task for the future.

- For most students the DynSys task normally requires a bit more time than the Markov task.

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General comments

- Almost all handed in the reports on time – very good.

- Several reports lack your own interpretation of results. Do not be afraid to expand on questions. NEVER provide 'impossible' results without any comments – e.g. negative or >1 probabilities.

- Often only minor mistakes made. But some errors on ALL reports.

- You may have needed to look in other books and use prior experiences from other courses for DynSys (e.g. control theory).

- Were the tasks educational? Too easy/too hard?
  Did we miss something at the lectures?

- Markov: 20 reports in total (only 14 students did it in groups of two)
- Dynsys: 22 reports in total (only 8 students did it in groups of two)

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Evaluation

- Errors were marked and some comments were given in the hard copy of each report

- The hard copies for simulation task 1 were returned during lab exercise 2 (February 21 – 23). The hard copies for simulation task 2 were returned during lab exercise 3 (Feb. 28 – March 2).

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