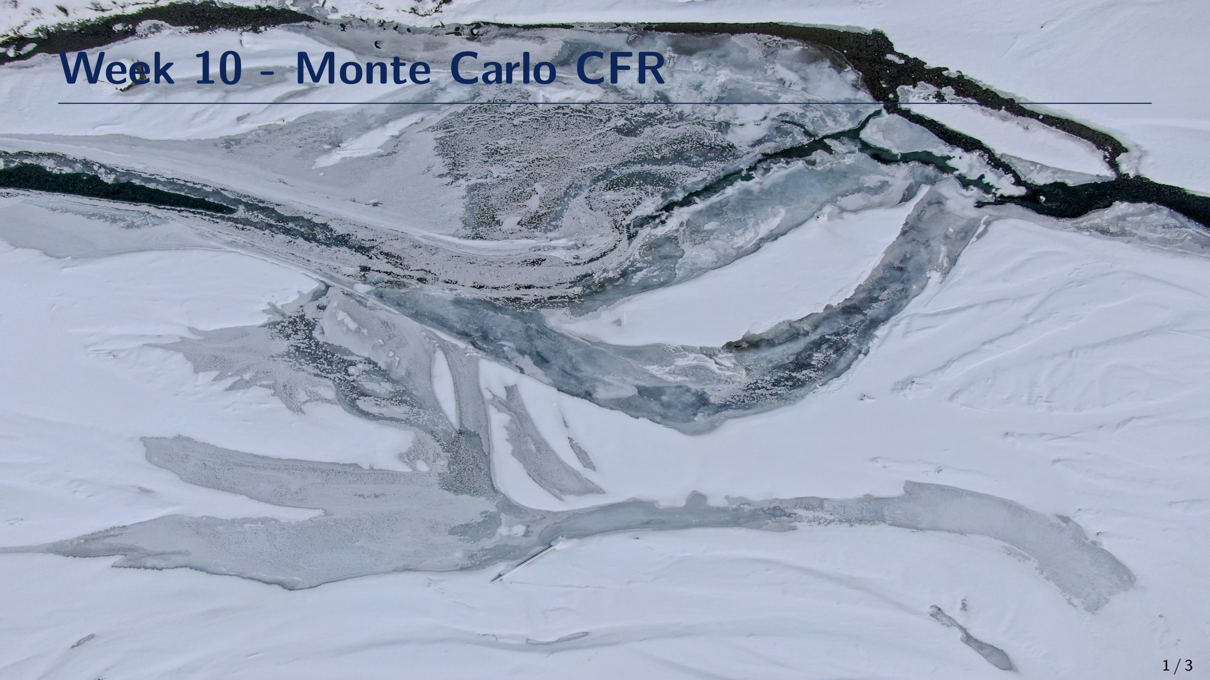
Week 10 - Monte Carlo CFR



Week 10 Homework

This week, your task is to implement:

- the outcome-sampling version of the Monte Carlo CFR algorithm [1]

Once implemented, plot the exploitability of the sequence of average strategy profiles produced by the algorithm in Kuhn Poker and compare it to the algorithms from previous weeks.

References

[1] Marc Lanctot et al. “Monte Carlo Sampling for Regret Minimization in Extensive Games”. In: *Neural Information Processing Systems*. 2009.

[2] Martin Schmid. “Search in Imperfect Information Games”. PhD thesis. Charles University, 2021.