

# 《计算机程序的构造和解释》

## Lab 05: Mutability

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2022 年 10 月 26 日

# 本节实验课内容

- ▶ 18:30 - 18:50 课程数据分析
- ▶ 18:50 - 19:20 上周作业评讲
- ▶ 19:30 - 20:20 写代码、答疑

# 课程数据分析

## 提交数量分析

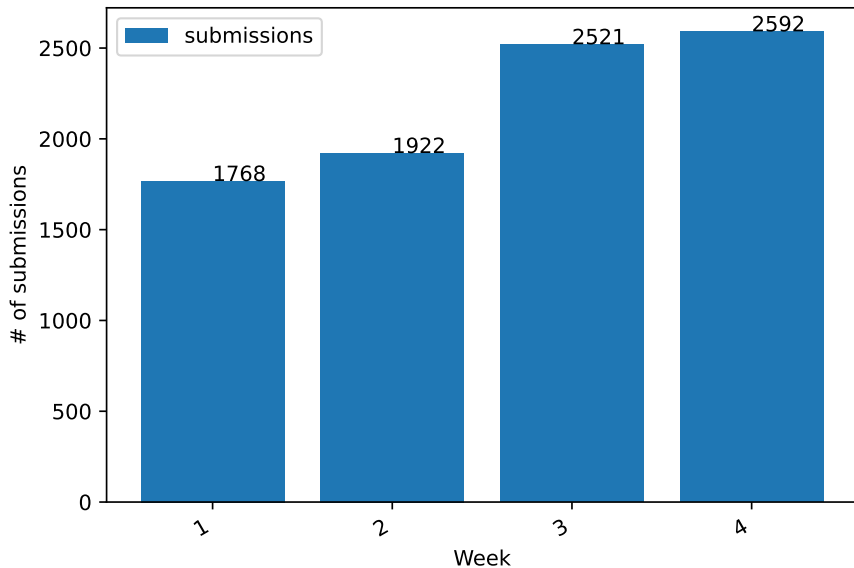
筛选规则：非迟交作业，不含 Hog Contest

- ▶ 总备份次数：40714
- ▶ 总提交次数：9333

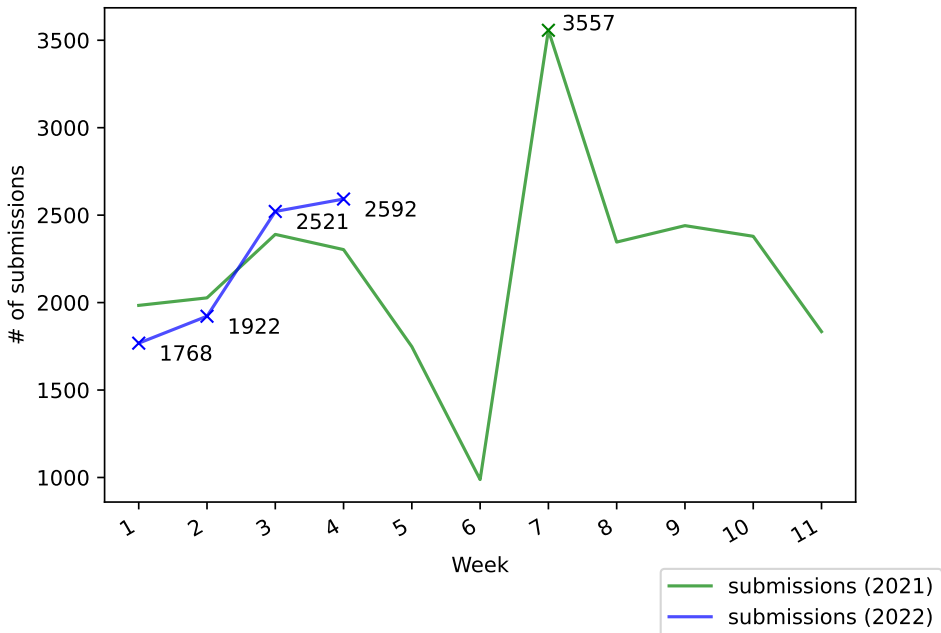
对比数据：2021 学年，非迟交作业，不含 Hog Contest

- ▶ 总备份次数：103107
- ▶ 总提交次数：24621

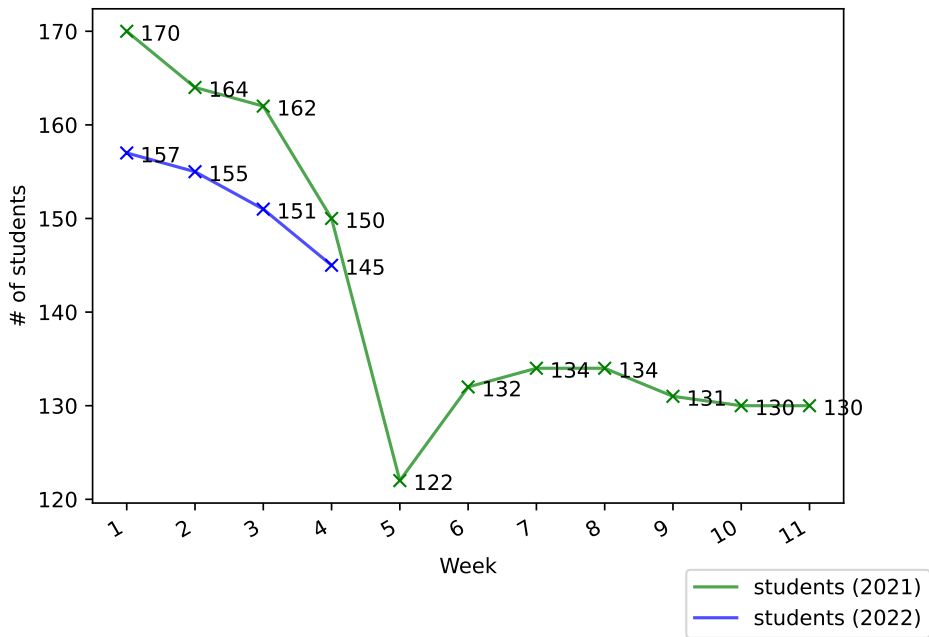
# Submissions by week (2022)



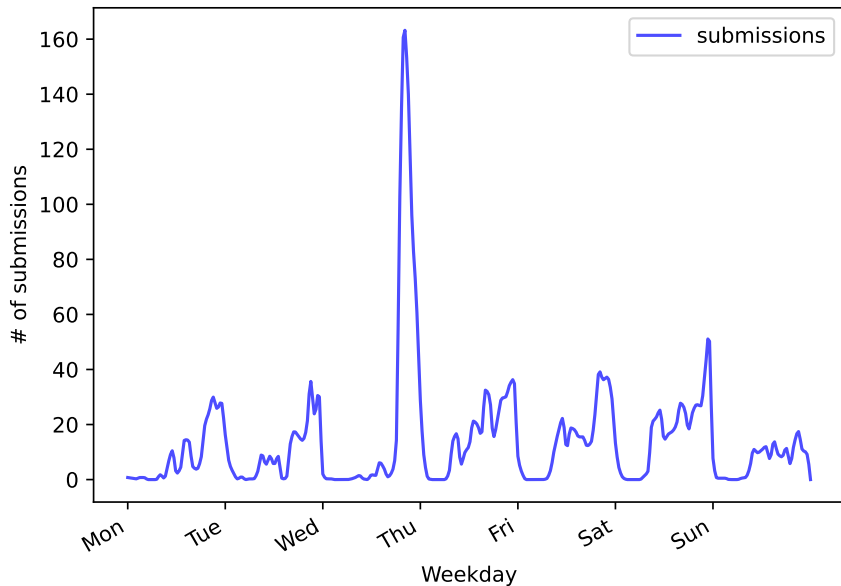
# Submissions by week (2021 v.s. 2022)



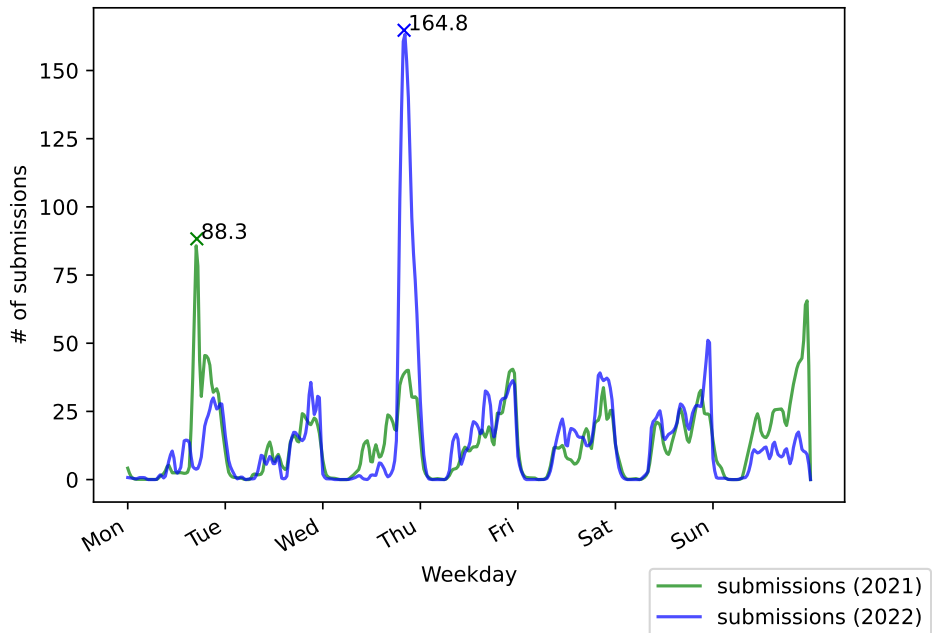
# Students by week (2021 v.s. 2022)



# Submissions by weekday (2022)

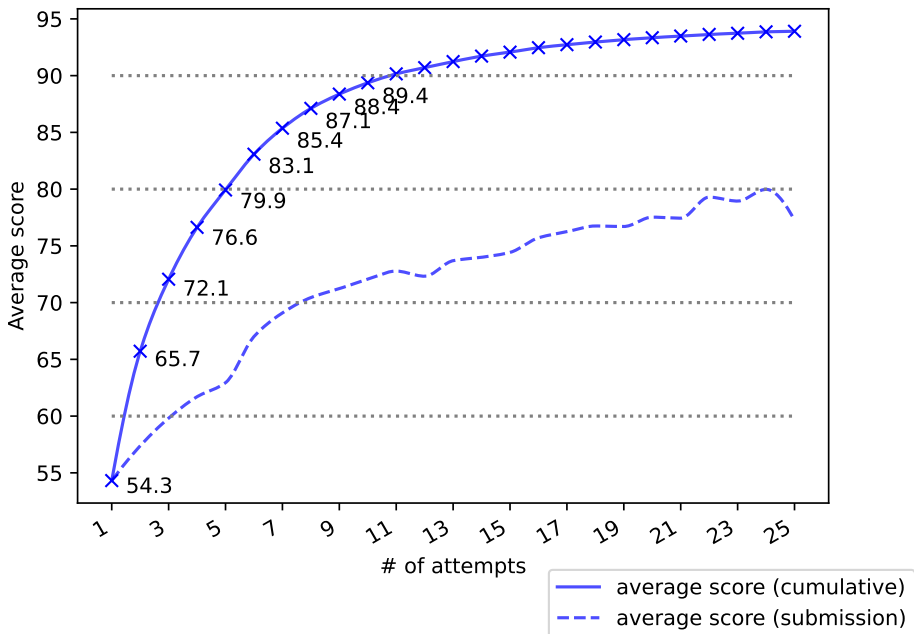


# Submissions by weekday (2021 v.s. 2022)

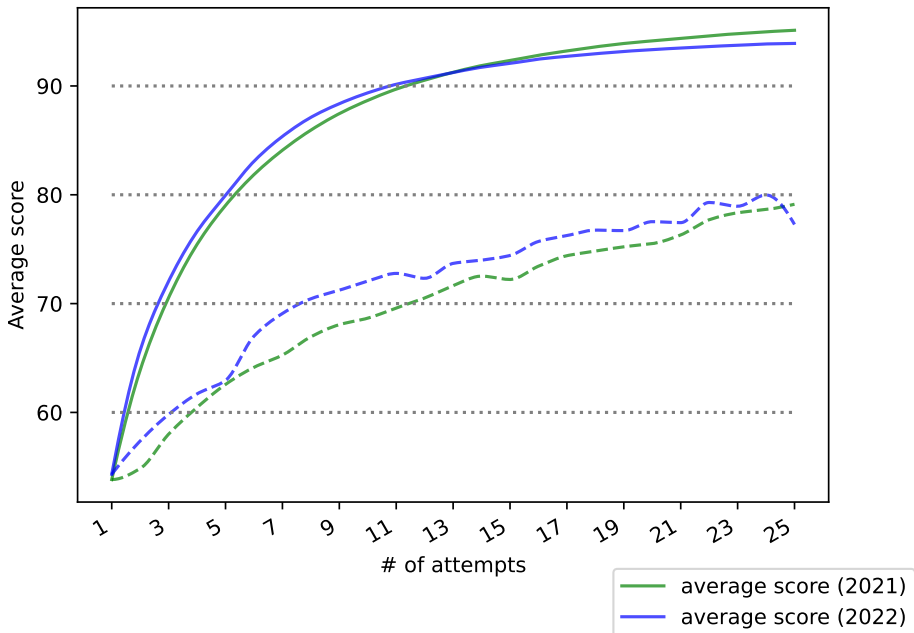




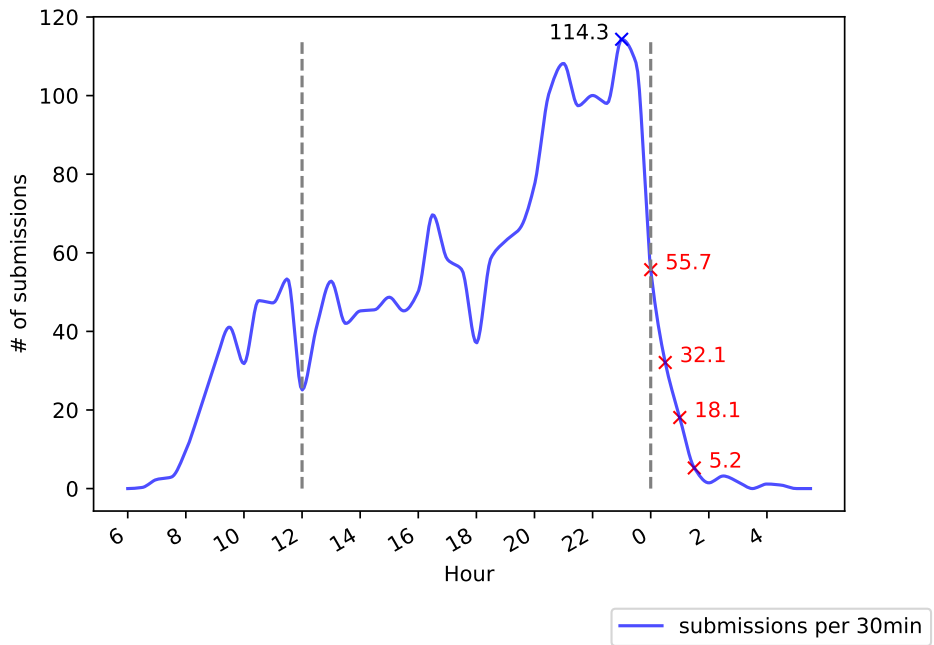
# Average score against attempts



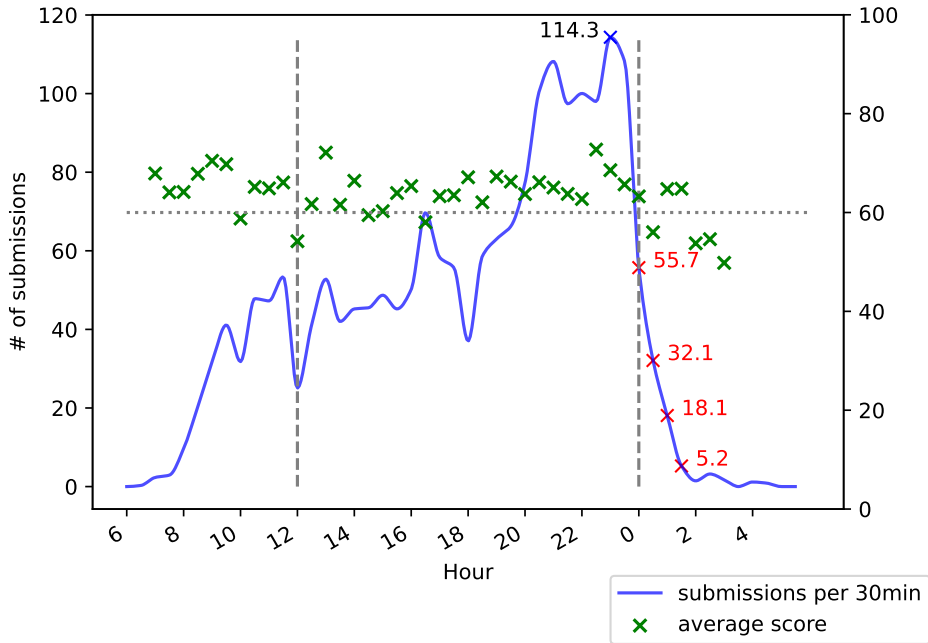
# Average score against attempts (2021 v.s. 2022)



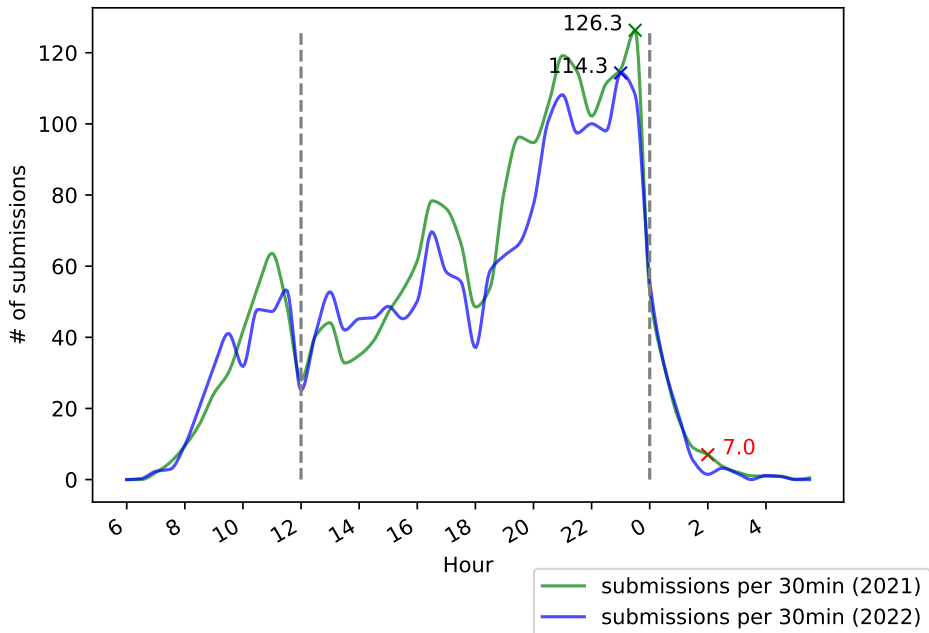
# Submissions per 30 minutes (2022)



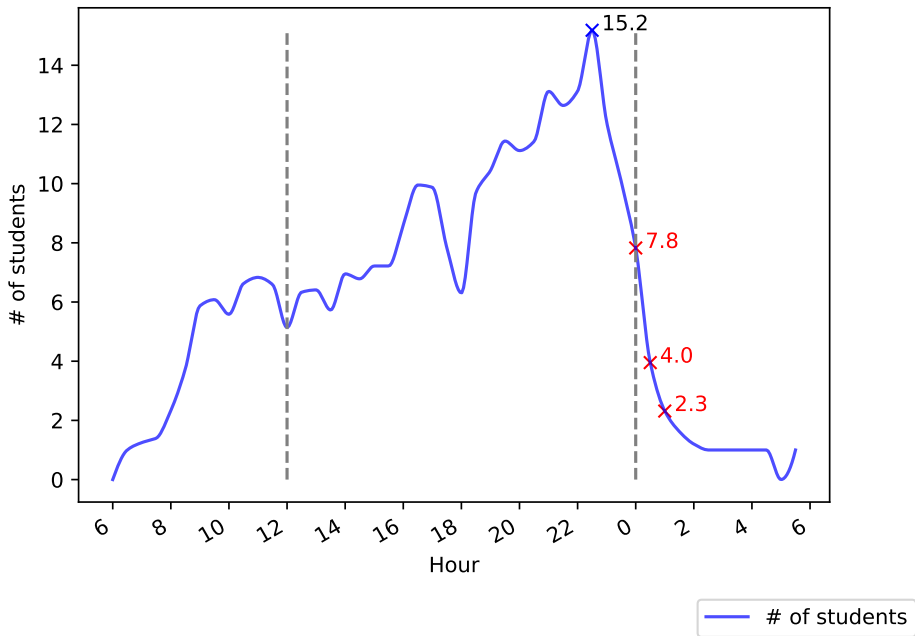
# Submissions per 30 minutes (2022)



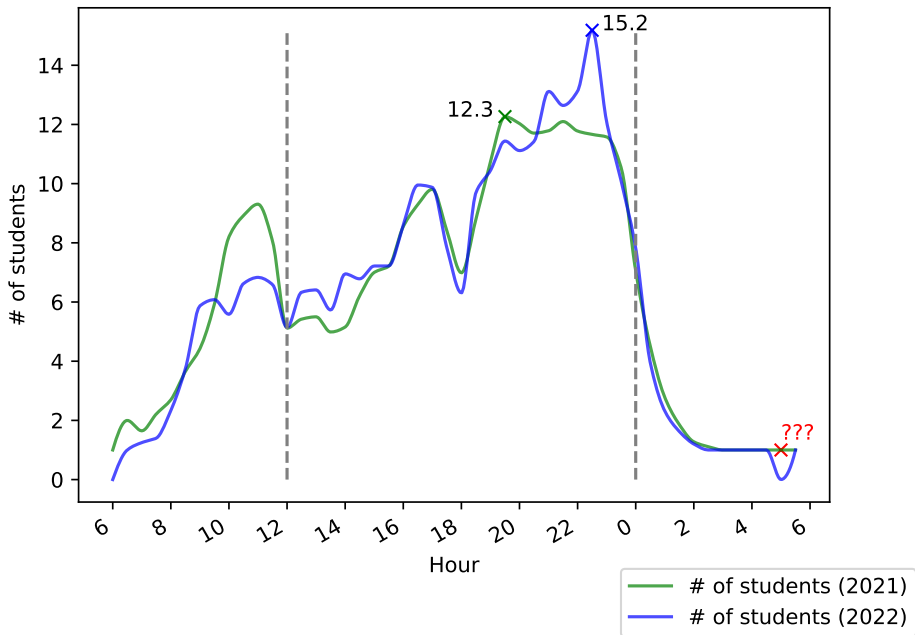
# Submissions per 30 minutes (2021 v.s. 2022)



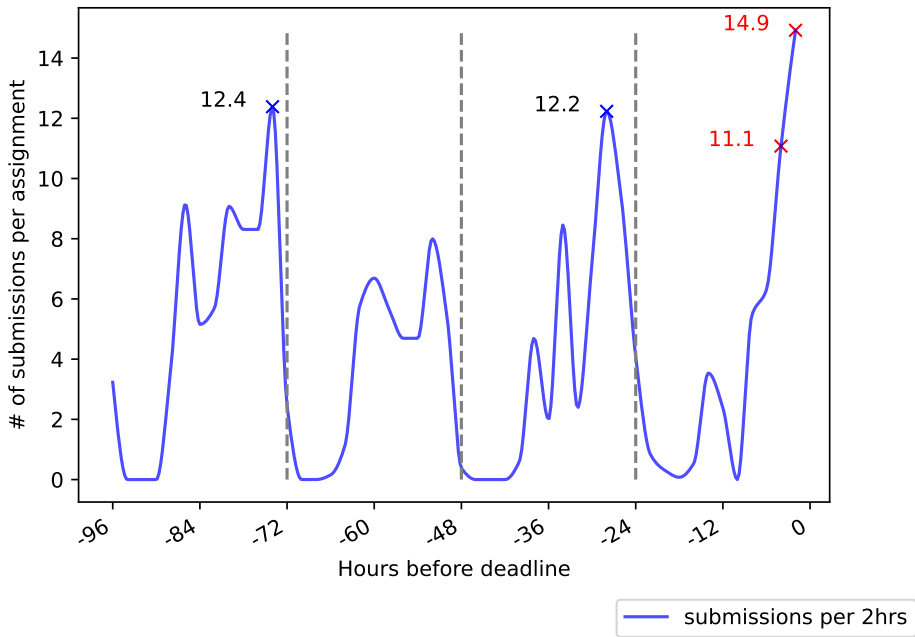
# Number of students throughout a day



# Number of students throughout a day (2021 v.s. 2022)

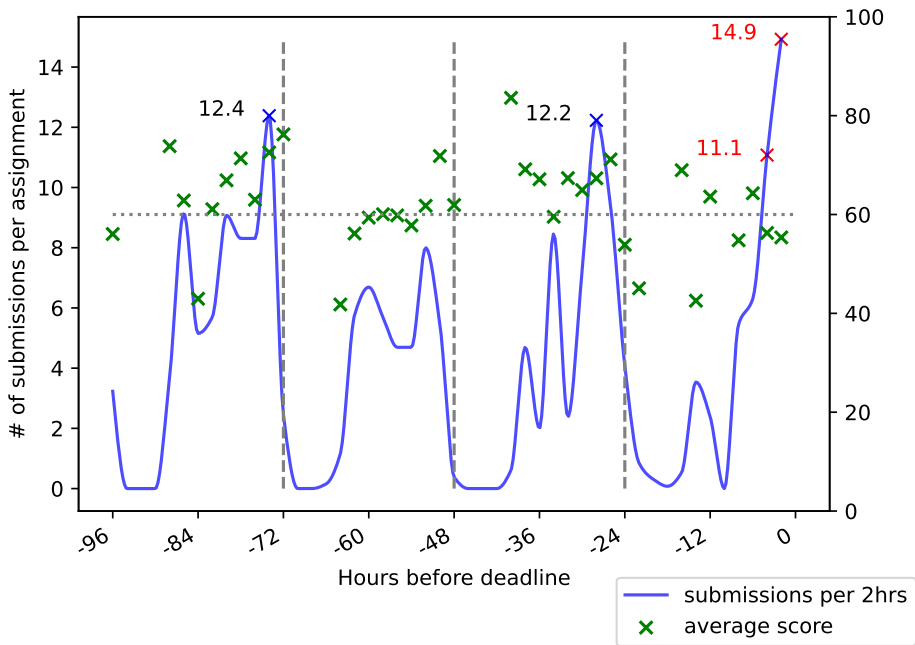


# Submissions before deadline (2022)

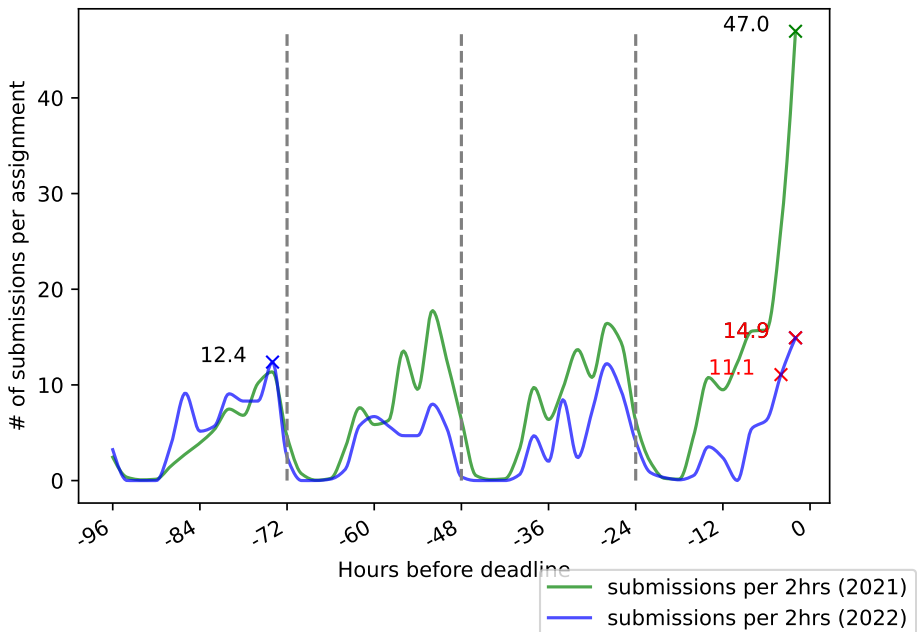




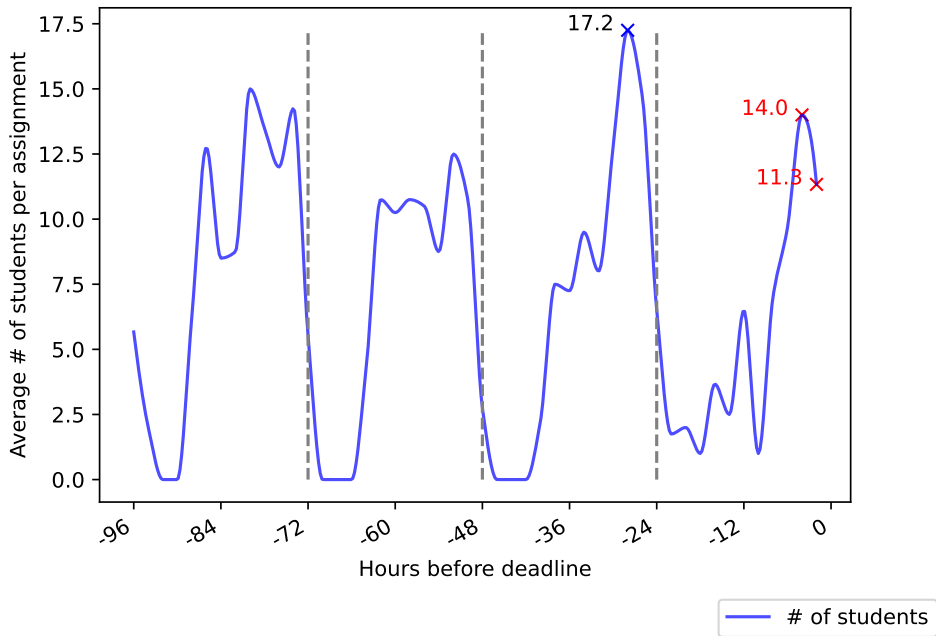
# Submissions before deadline (2022)



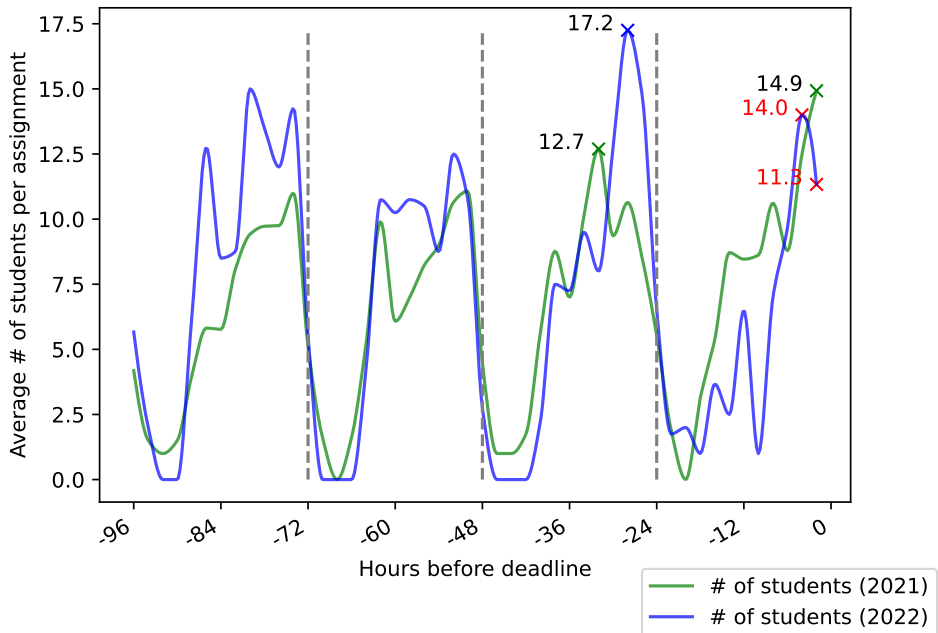
# Submissions before deadline (2021 v.s. 2022)



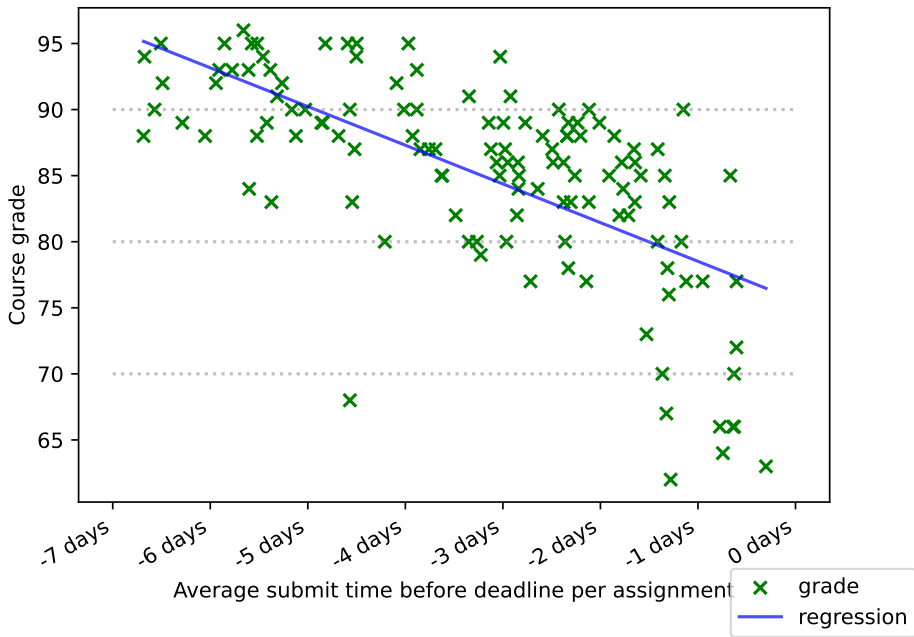
# Students before deadline



# Students before deadline (2021 v.s. 2022)



A scatter plot showing 100 data points represented by green 'x' marks. A solid blue line represents the linear regression fit, showing a negative correlation. Three horizontal dotted lines are drawn across the plot at different y-levels, likely representing the mean and standard deviation of the y-values. The data points are distributed across the plot area, with a higher density in the upper-left and middle-right regions.



# 课程数据分析

## 早起冠军

- ▶ 2022-09-29 07:01:56.62 (Lab01)
- ▶ 请先吃早饭再学习

## 熬夜冠军

- ▶ 2022-10-25 04:48:02.58 (Homework04)
- ▶ 请不要熬夜做作业

## 顽强拼搏 (离 DDL 最近的获得满分的提交)

- ▶ 2022-10-15 23:57:33.59 (Lab03)
- ▶ 请不要做 DDL 战士

# 上周作业评讲

有请 cxgg

# 作业与课程安排

## 本周的作业

- ▶ 10 月 30 日截止: Project01 (仅剩 4 天!)
- ▶ 11 月 13 日截止: Project02

## HogCon'22: Hog Contest 2022

- ▶ 不计分, 11 月 12 日截止 (还有 17 天!)
- ▶ 会有优胜奖品与随机抽奖 (仅限 2022 级同学)

## CATS: CS61A Autocorrected Typing Software

- ▶ <https://sicp.pascal-lab.net/2022/cats/>