

# MALTEM school absenteeism overview

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Full code at [https://github.com/joebrew/maltem\\_school\\_absenteeism](https://github.com/joebrew/maltem_school_absenteeism).

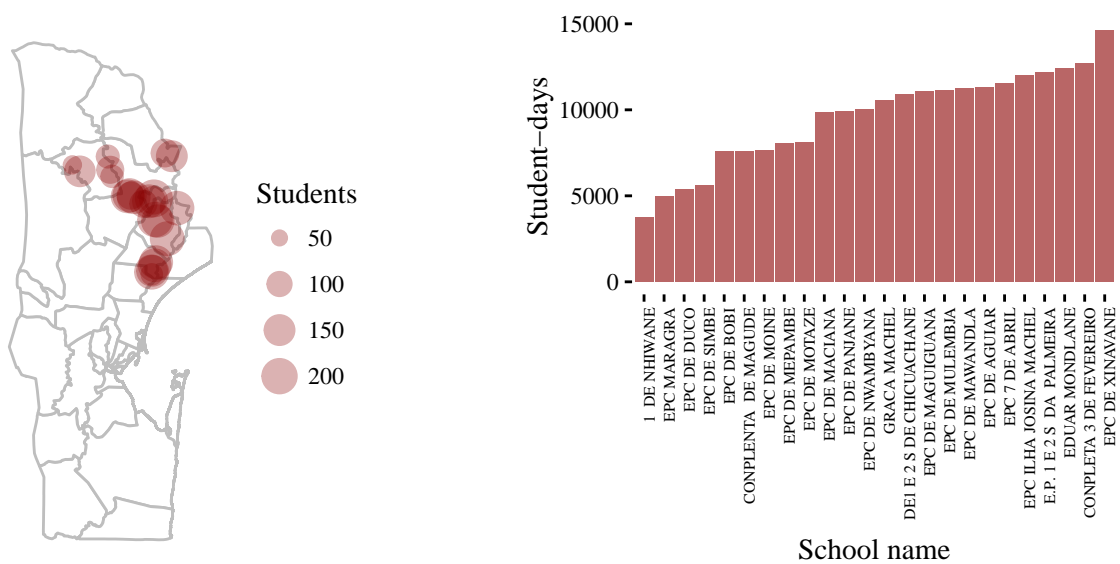
## Introduction

This document presents a largely visual overview of initial absenteeism data related to the MALTEM program in Magude and Manhiça, Mozambique. Note that we do not present “findings” or “results”, but rather general overviews.

This report is programmed as a “dynamic document”; it can reproduced automatically with updated data at any point in time.

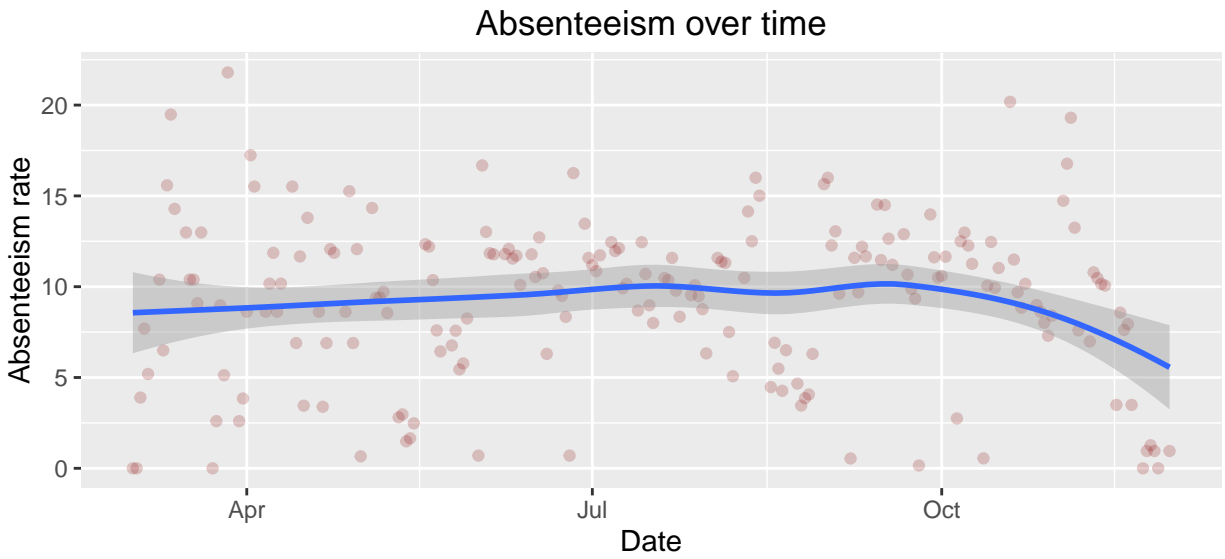
## Data details

Data have been collected over three months on 25 schools, with a total of 3513 students. In total, 232663 unique student-days have been analyzed.



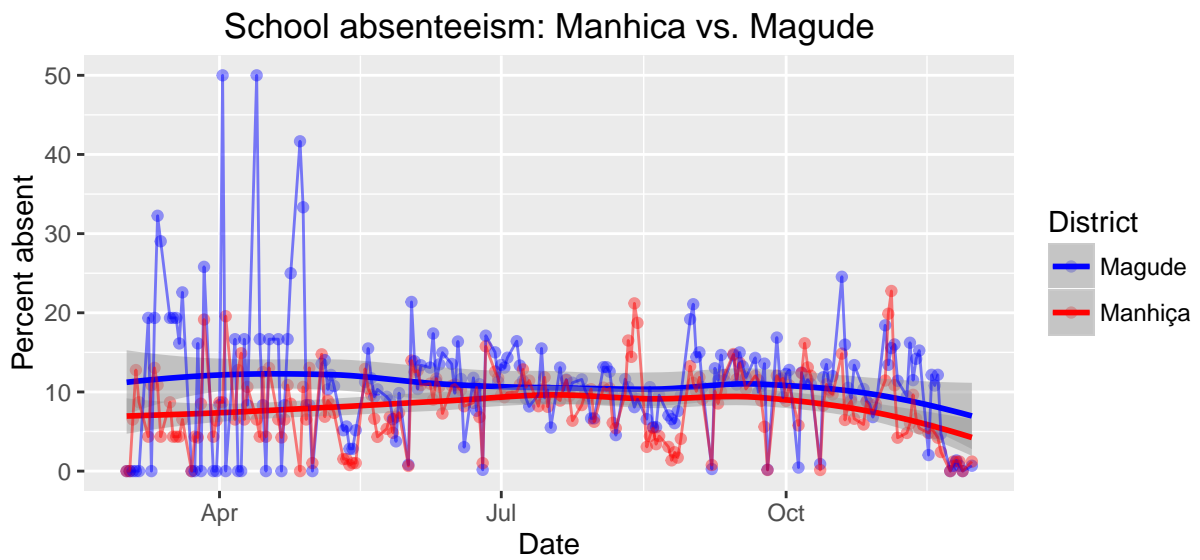
## By time

When we combine all schools, we can estimate the overall seasonality of absenteeism.

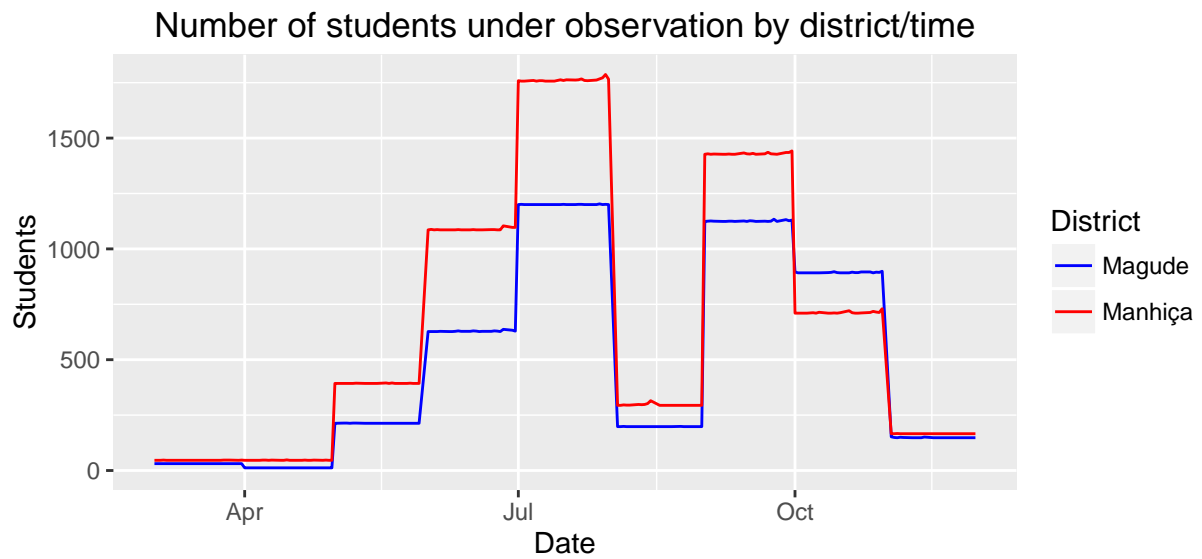


### By district

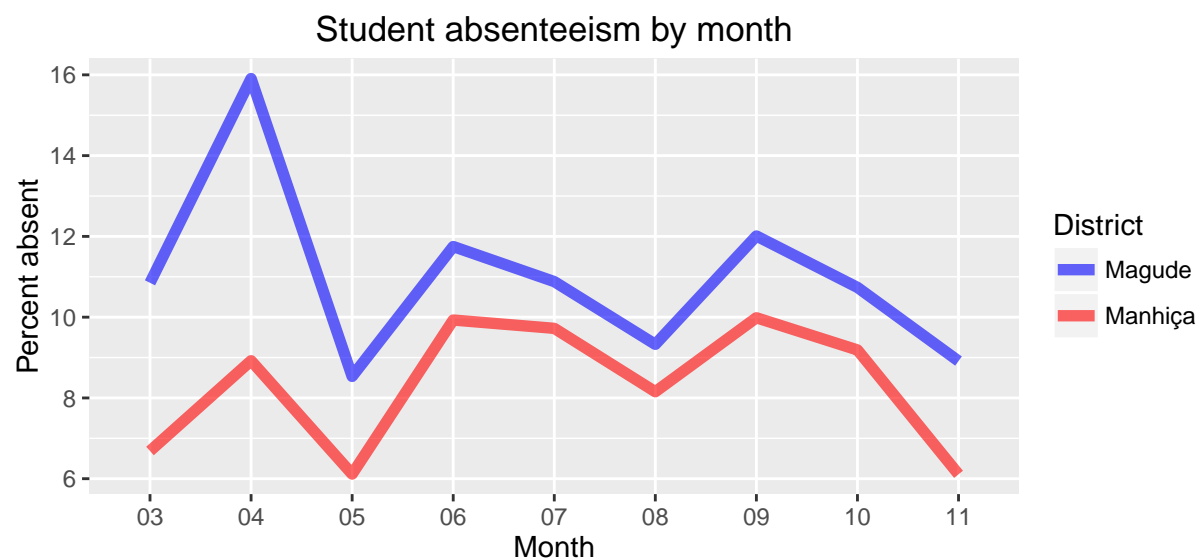
Generally speaking, absenteeism is slightly higher in Magude than in Manhiça:



However, it is worth noting that the number of students in Magude is fewer, and therefore more subject to natural variance:

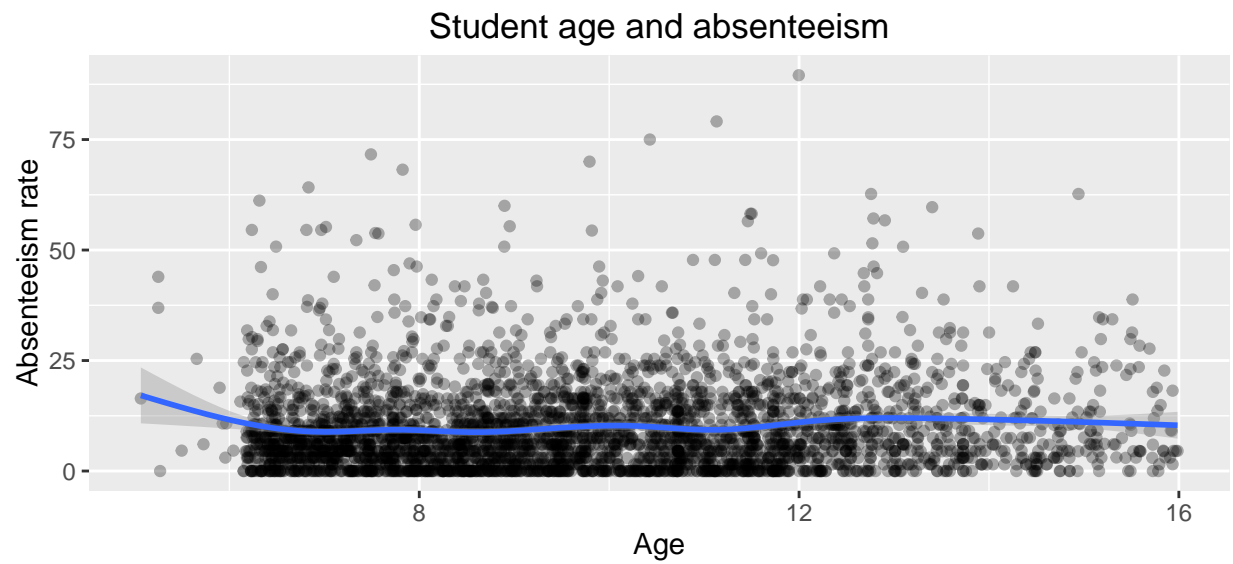


If we aggregate by month, we can examine absenteeism in a slightly smoother fashion:



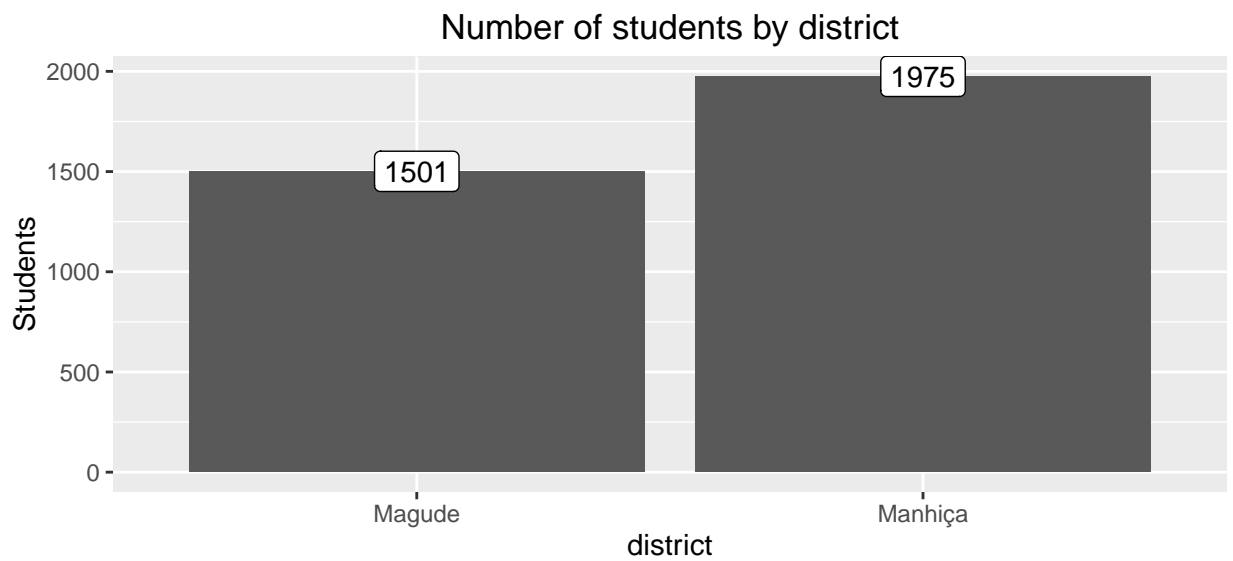
## By age

There is no clear trend between a student's age and their absenteeism rate.



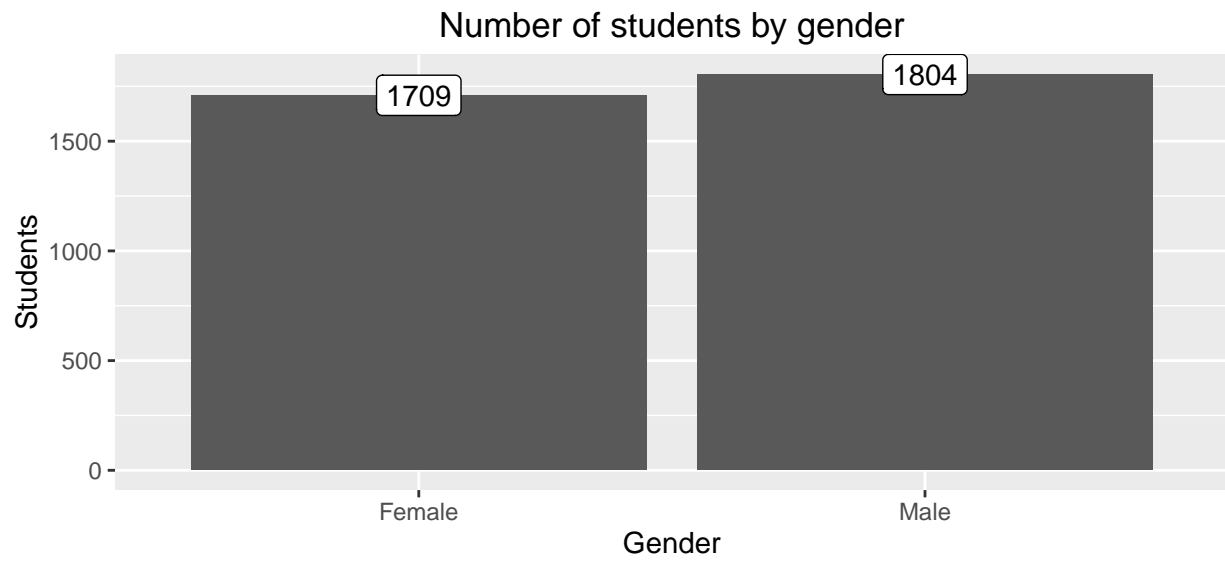
## By district

Below is the breakdown of students by Magude and Manhiça:

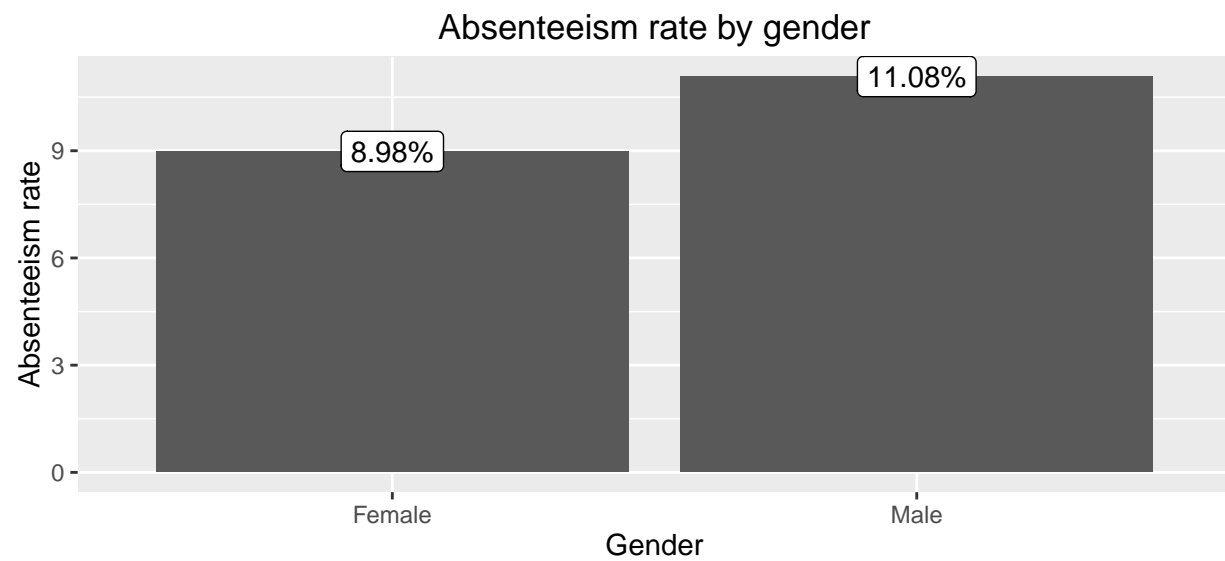


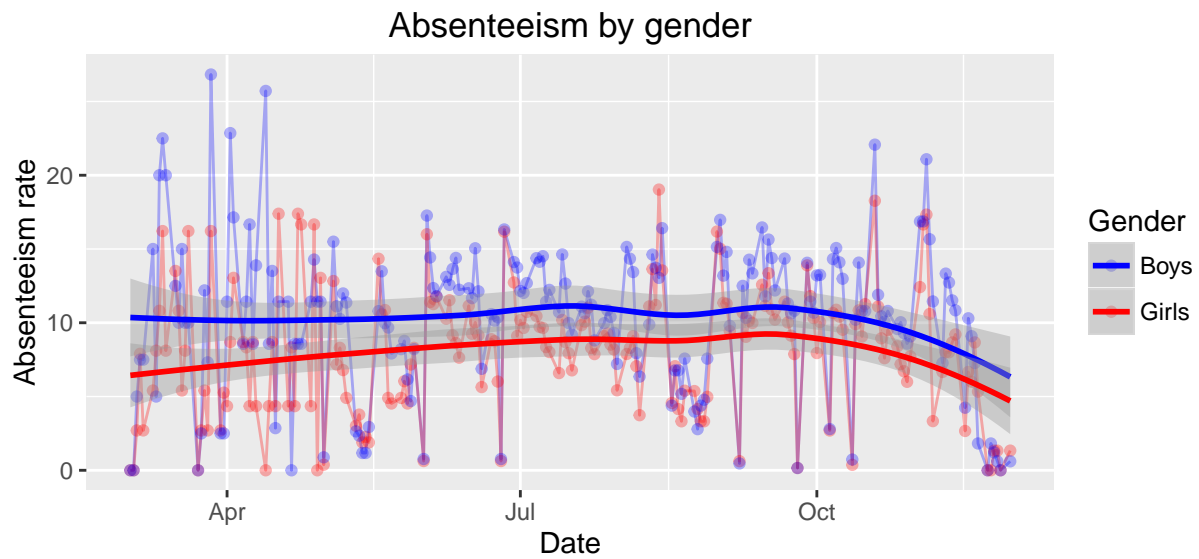
## By gender

There are slightly more male students than females:



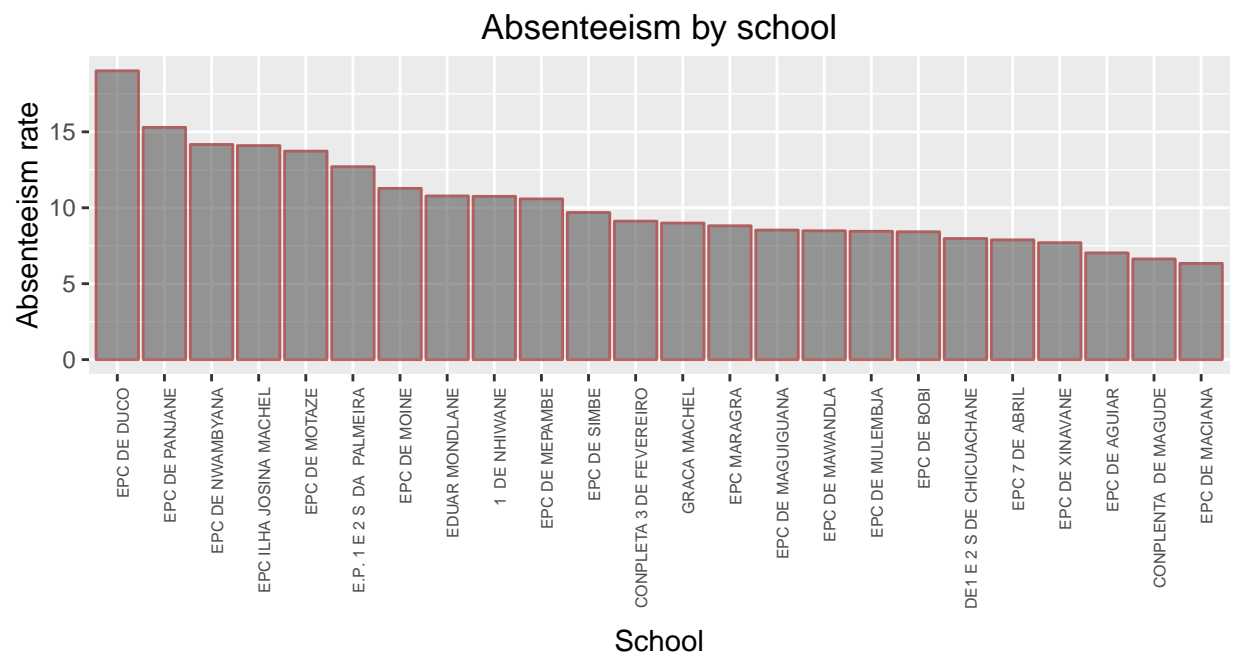
Generally speaking, females have lower absenteeism than males:



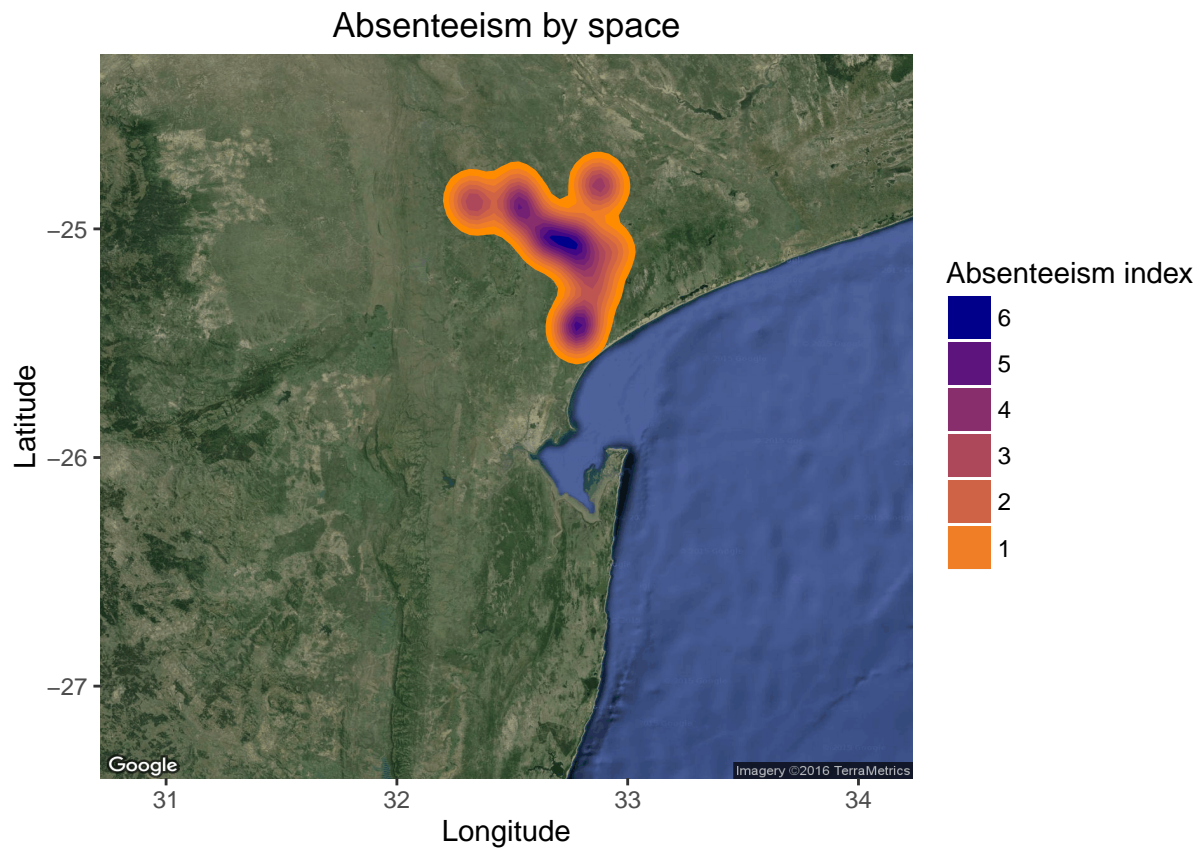


## By school

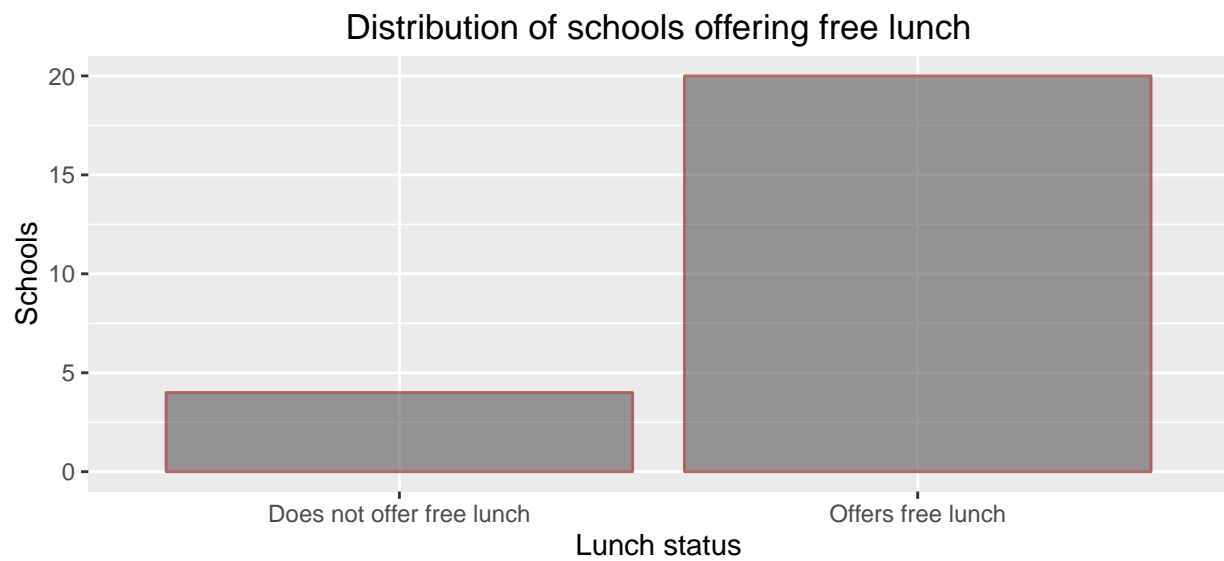
There is a surprisingly high level of variation in absenteeism by school. To assess overall absenteeism, we de-aggregate on time, and examine overall absenteeism by school.



## By geography

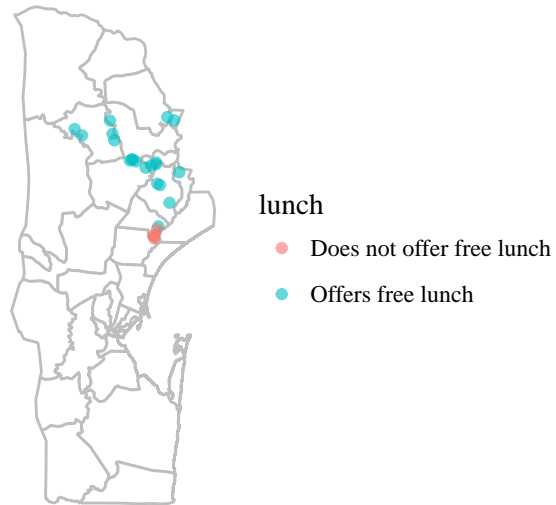


## By lunch status

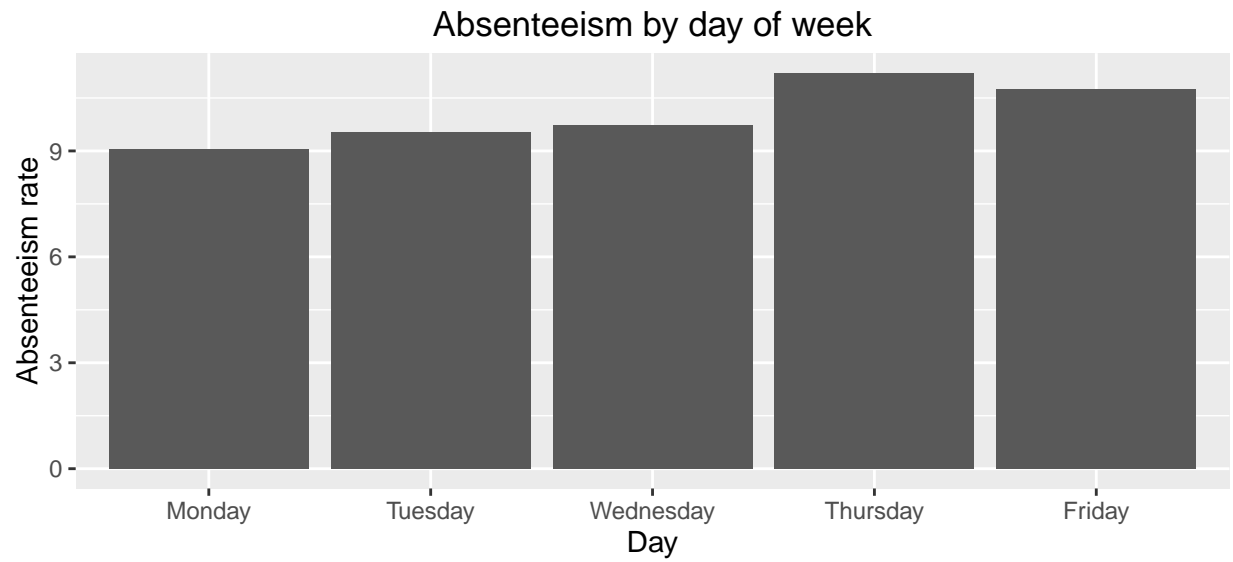


Geographically, the few schools not offering free lunch are clustered together

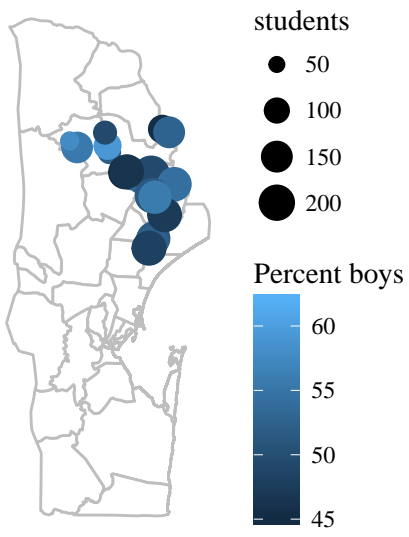




### By day of the week

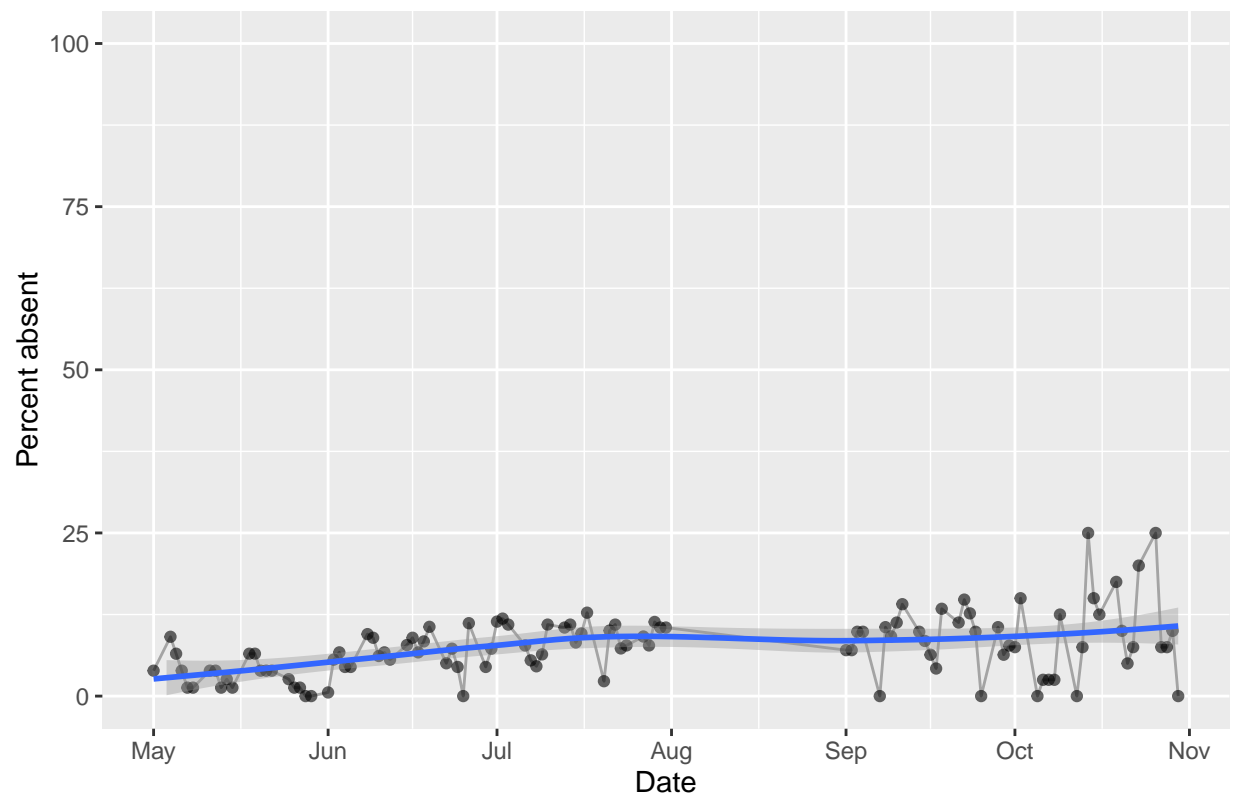
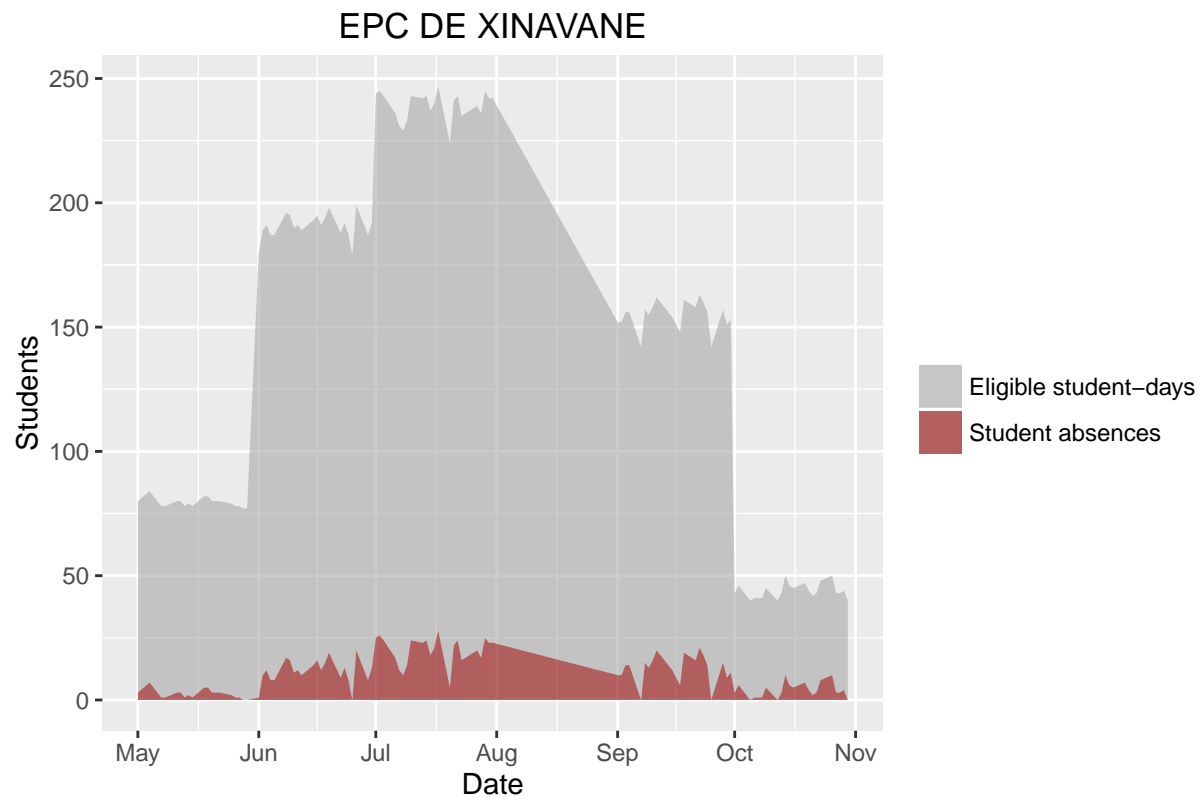


## Geographical distribution of boys and girls

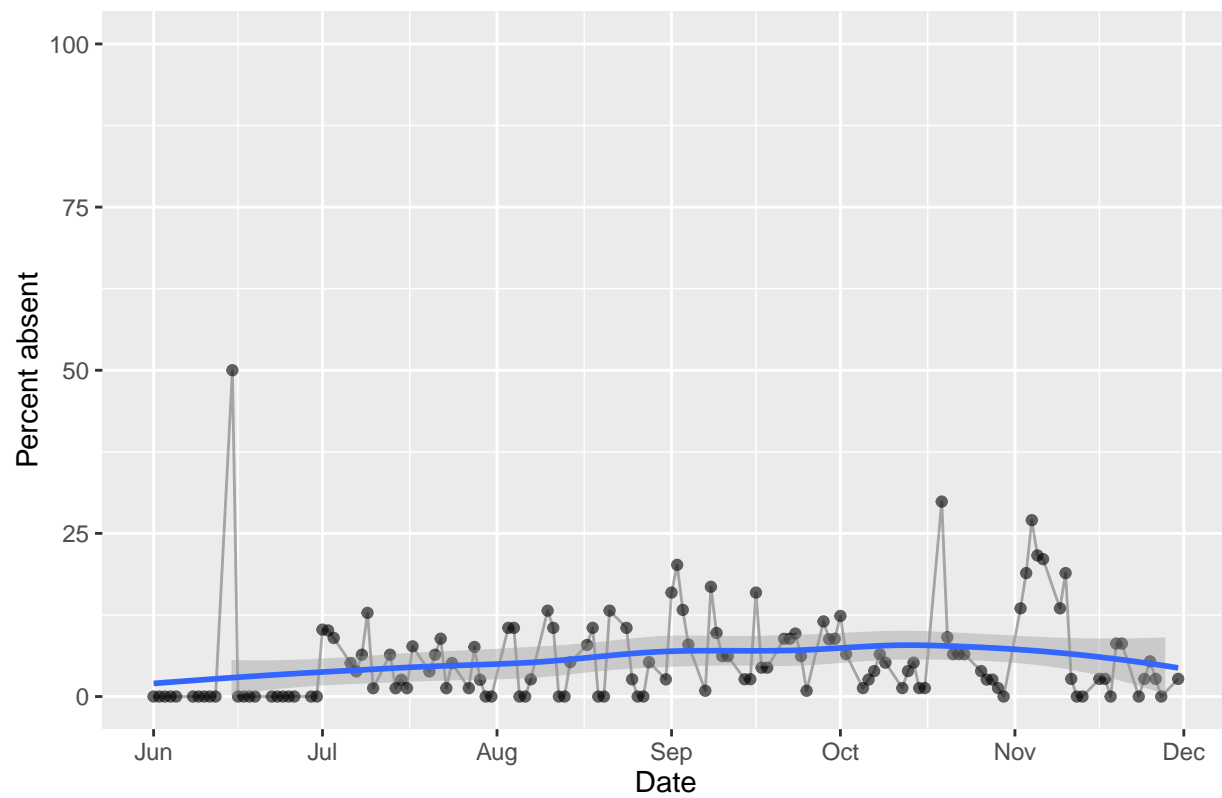
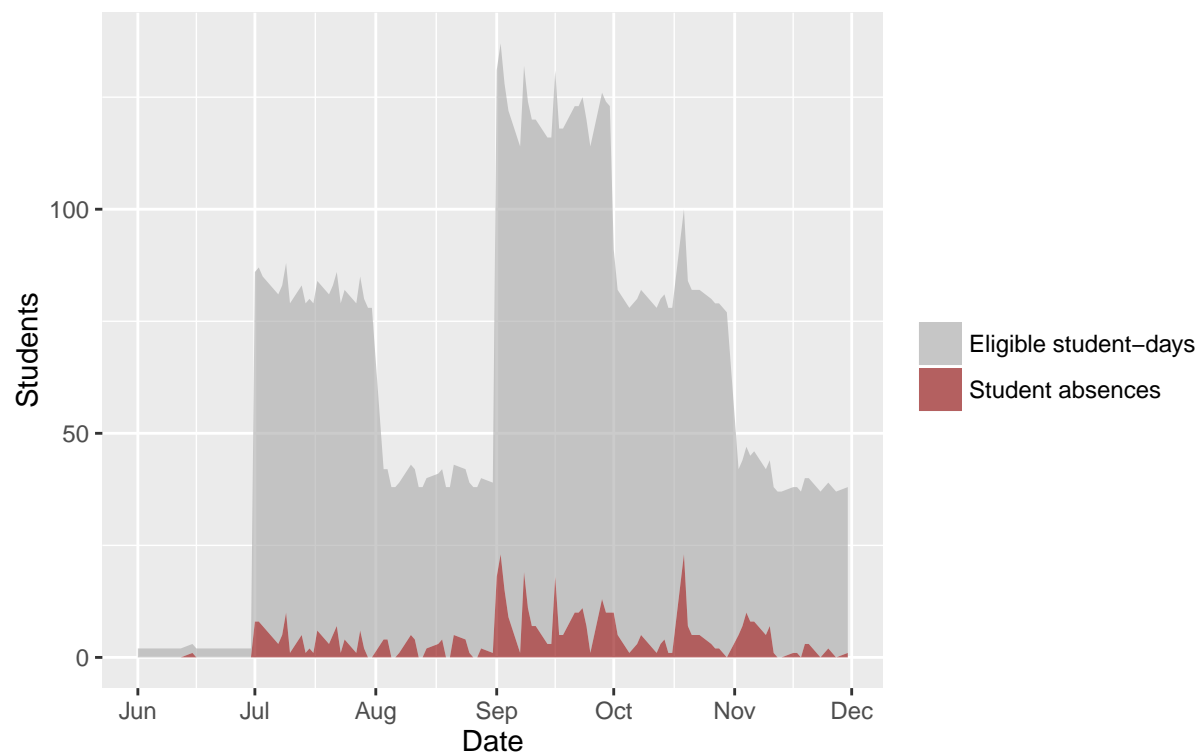


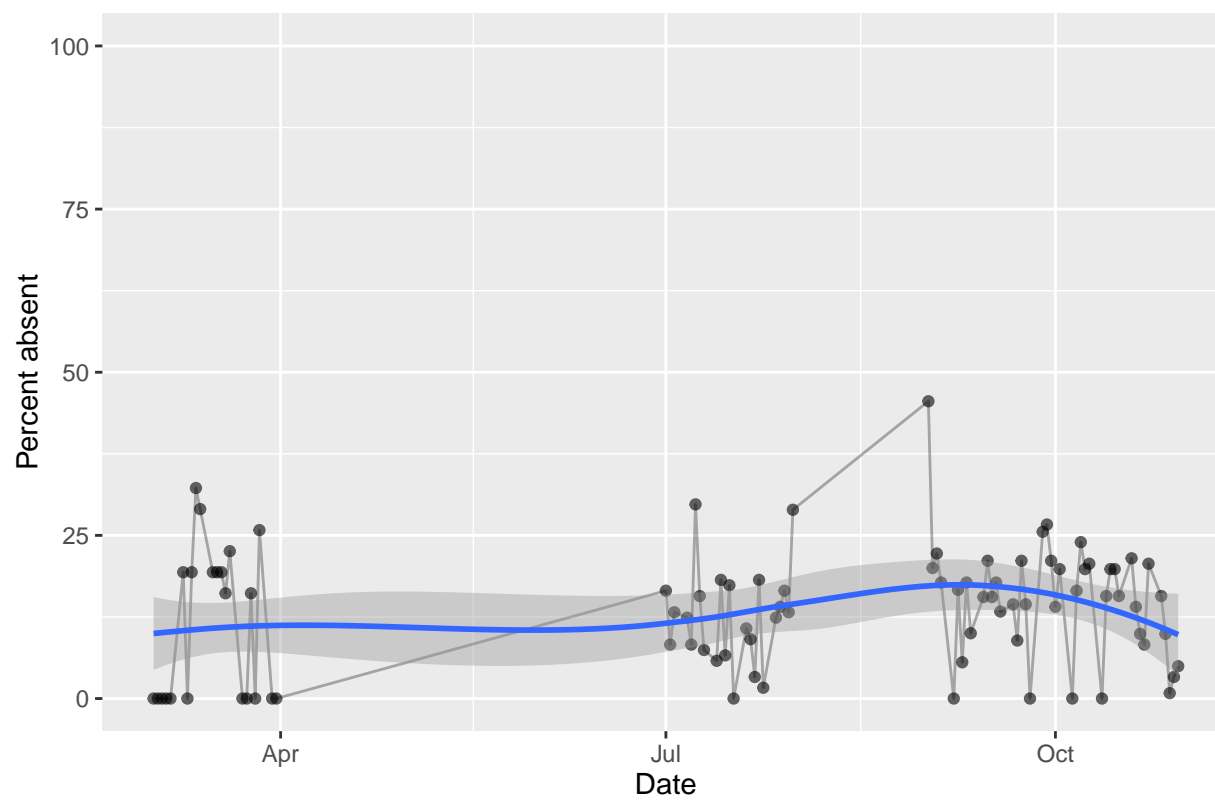
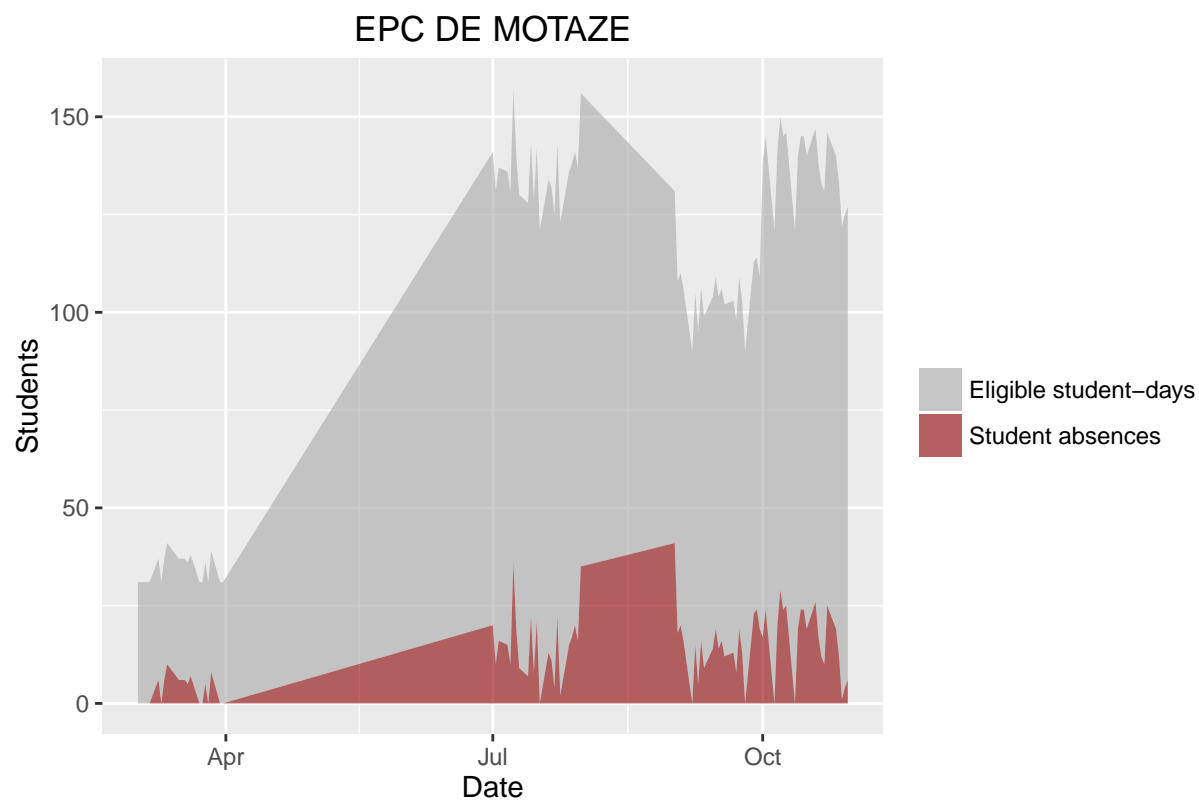
## Appendix

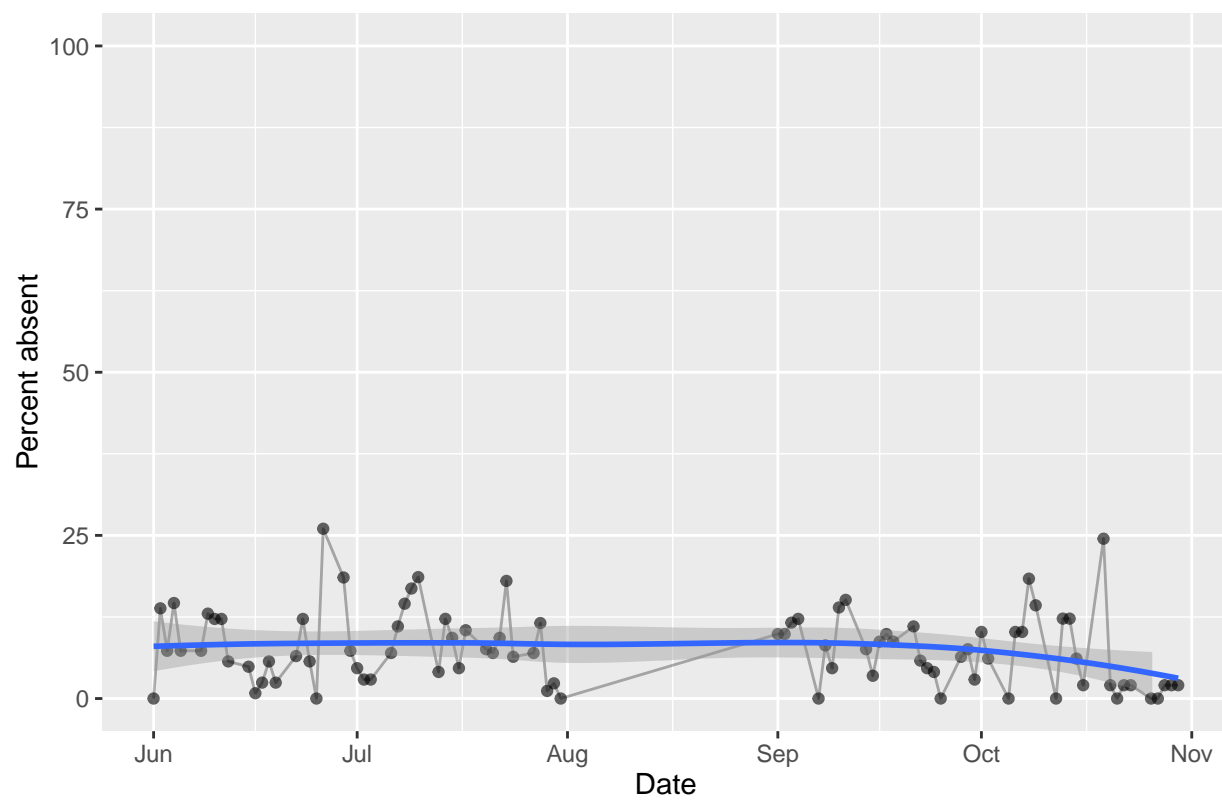
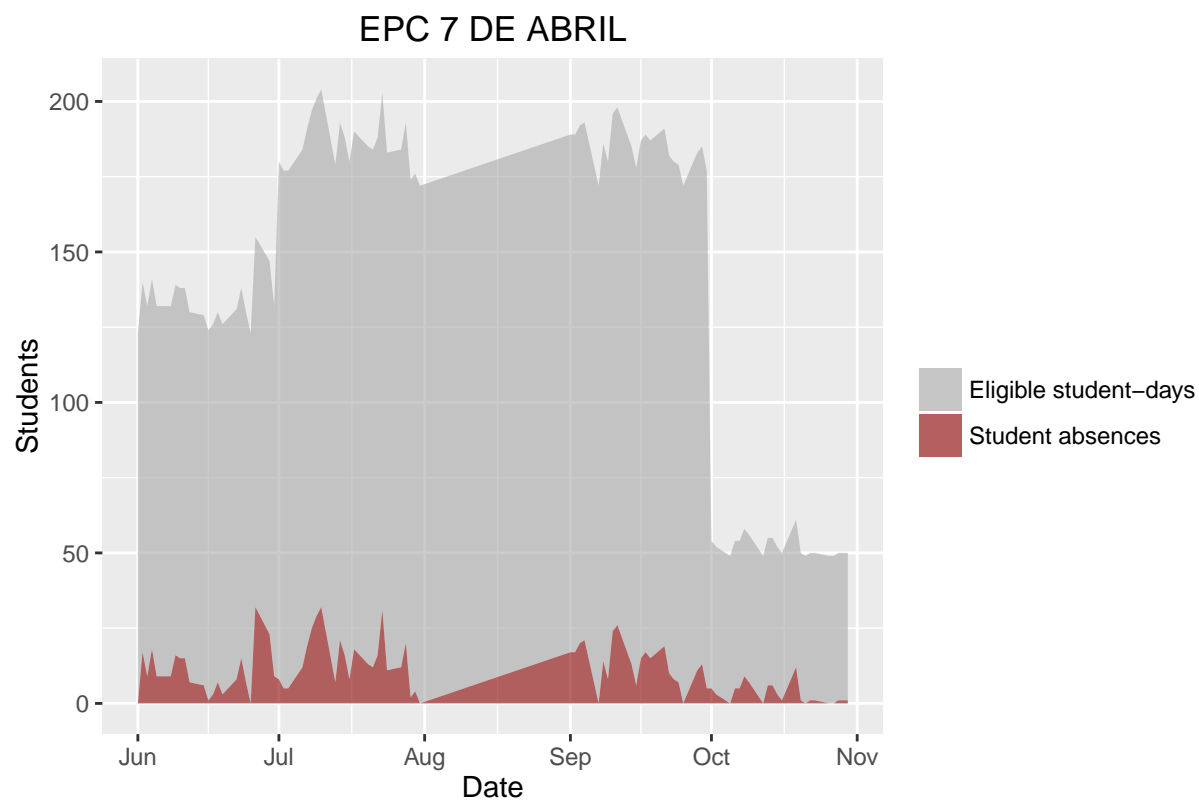
### School-specific absenteeism charts

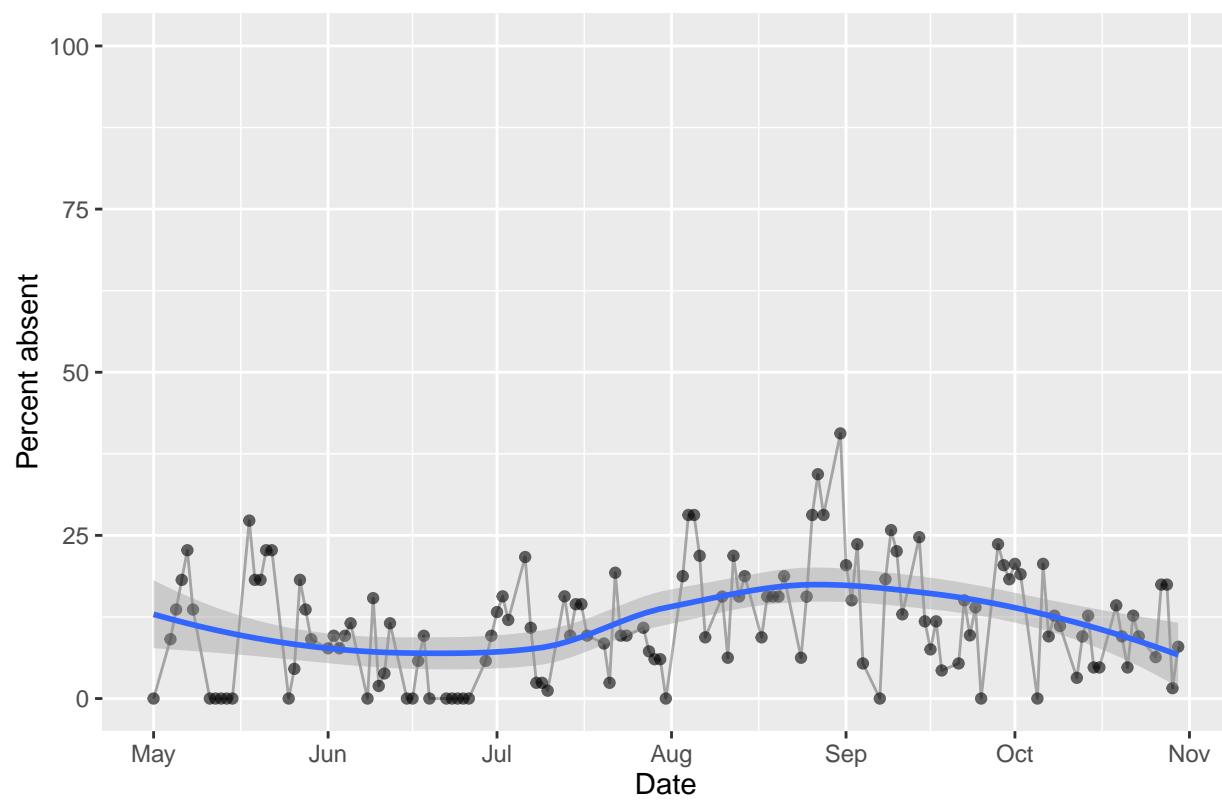
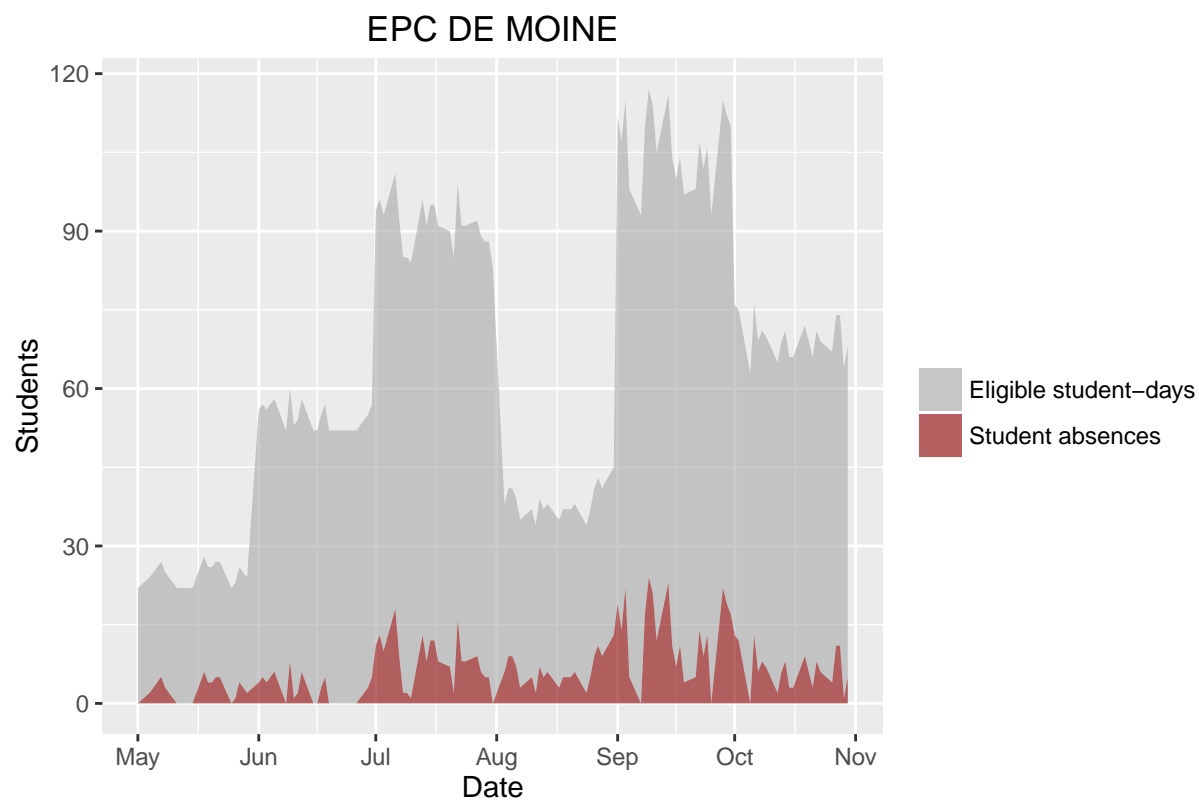


# ESCOLA PRIMARIA CONPLENTA DE MAGUDE

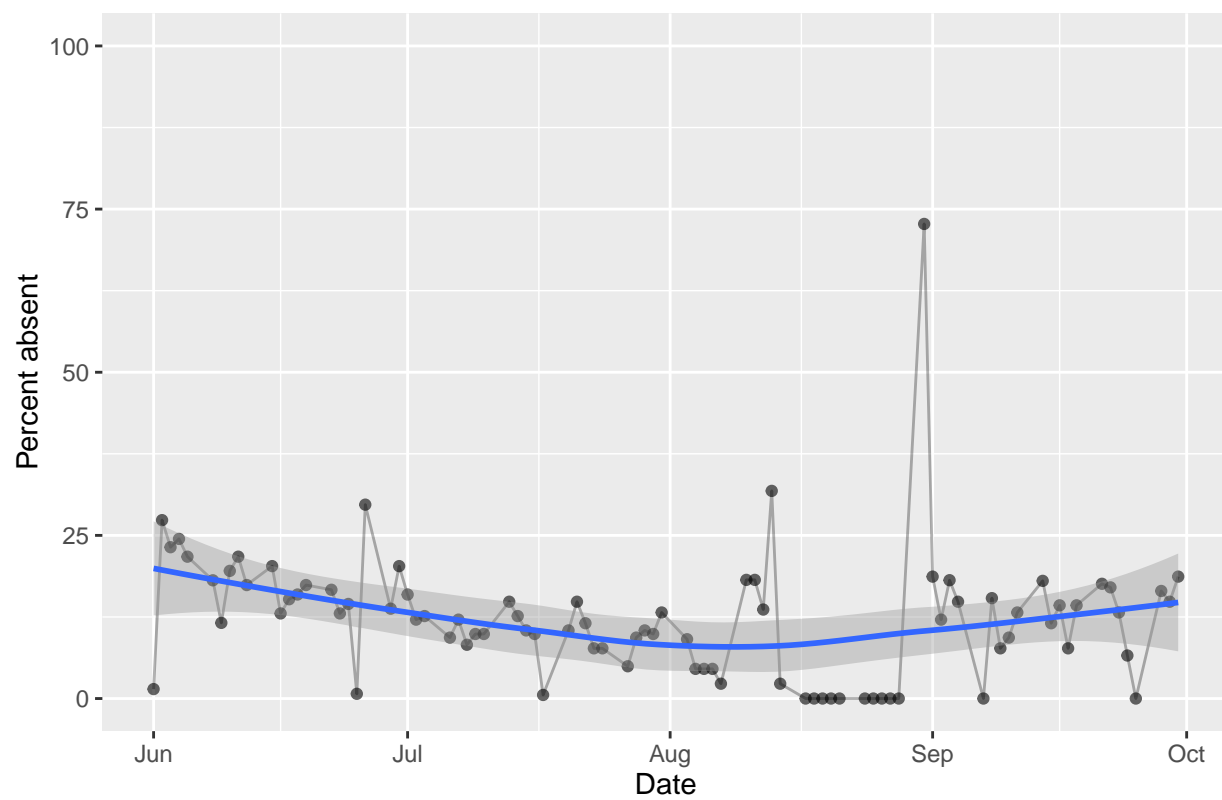
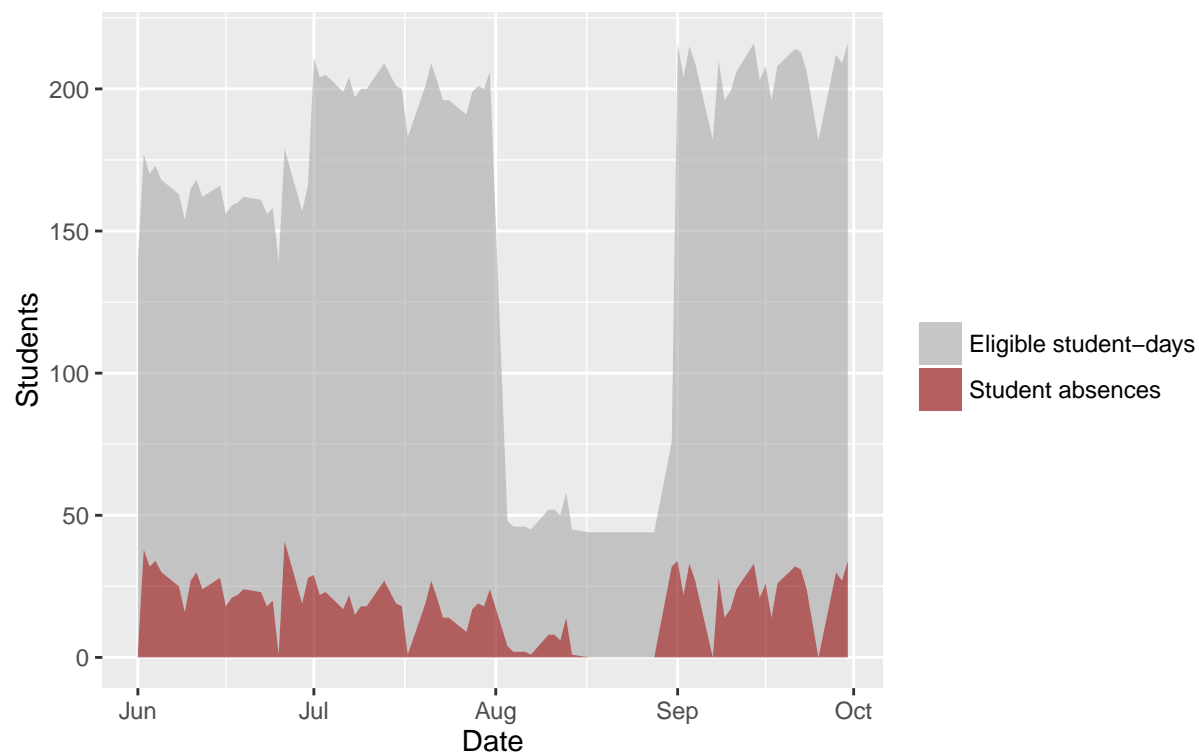






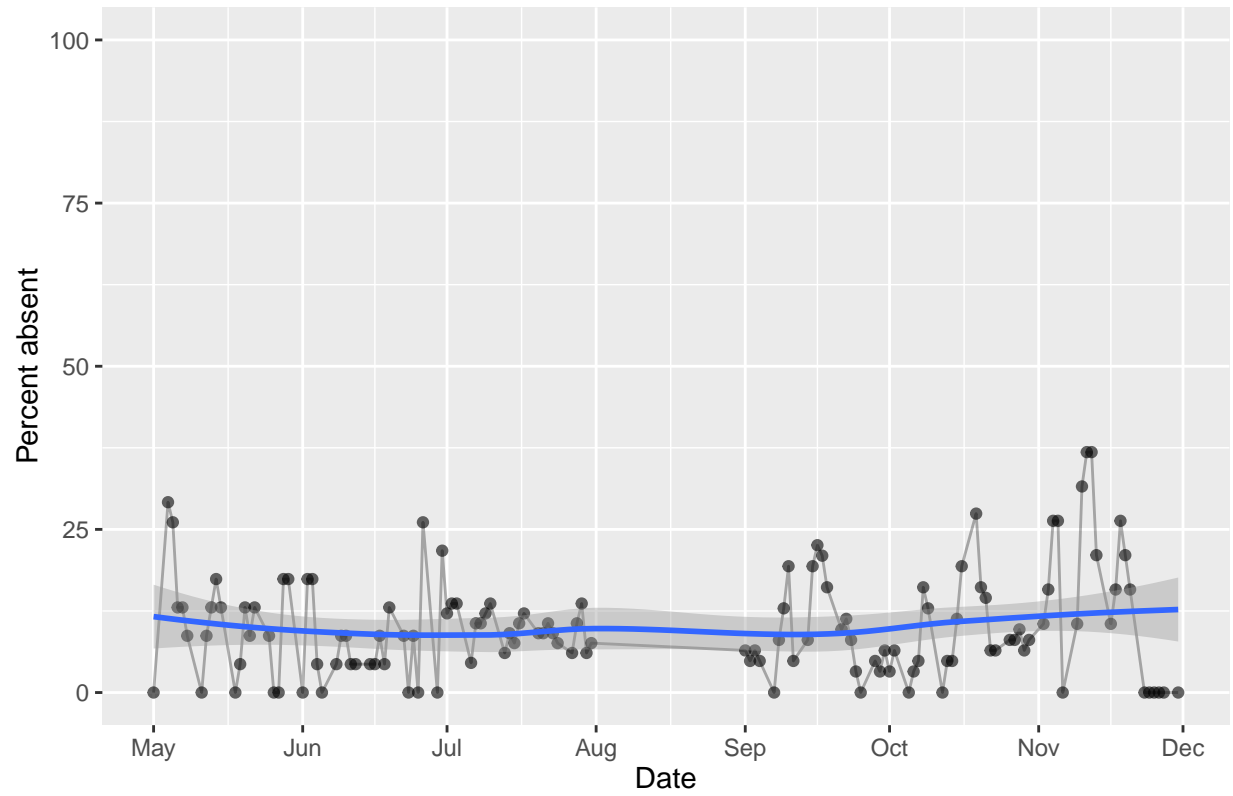
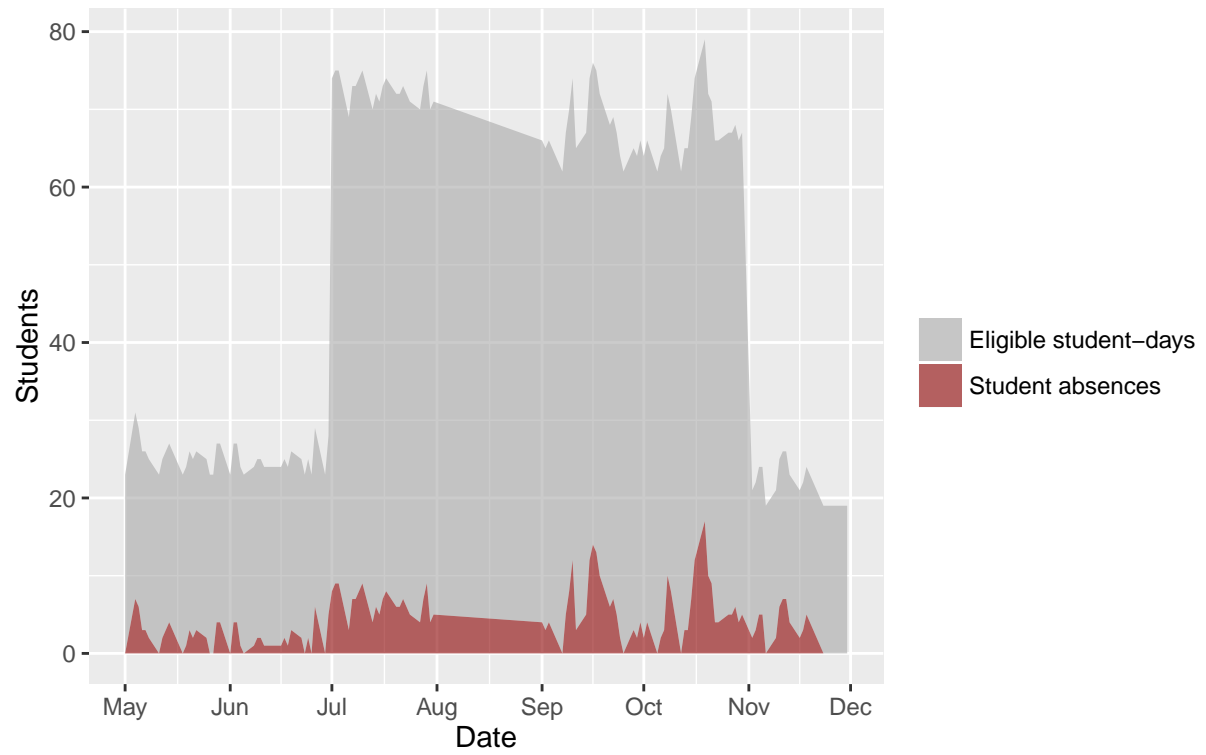


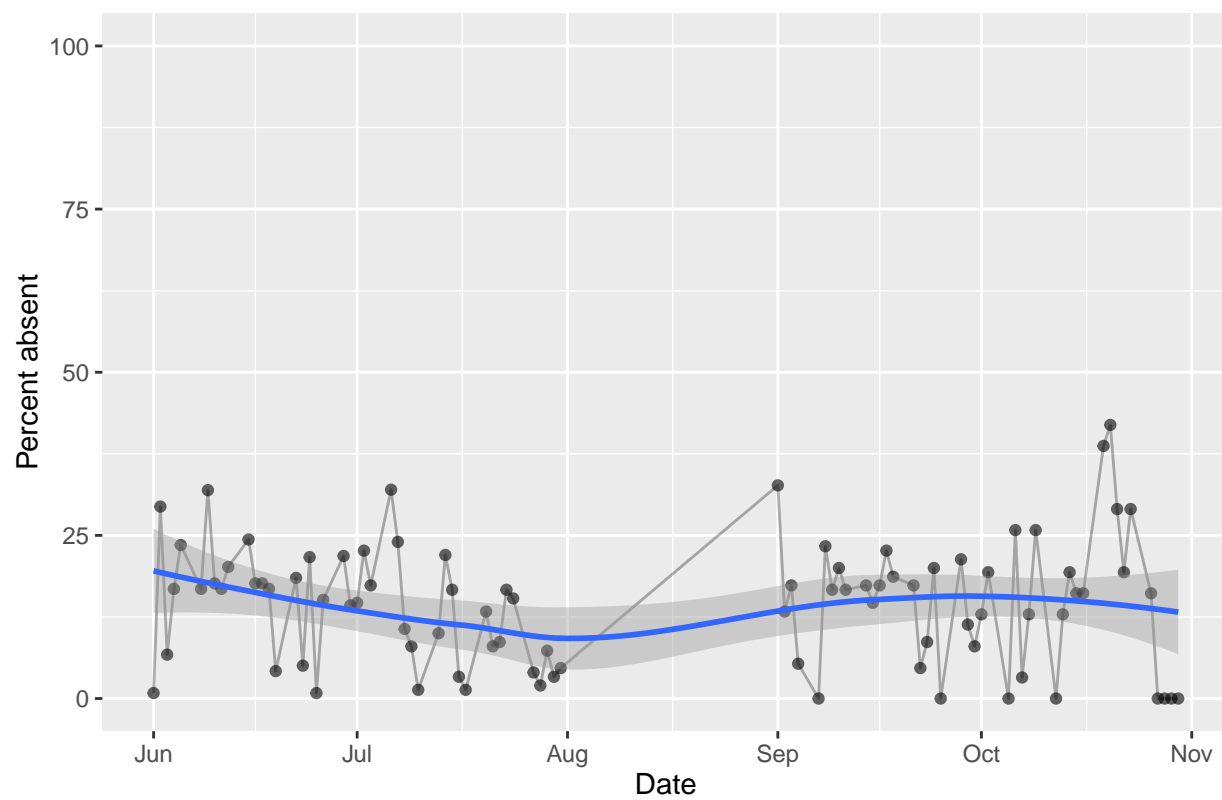
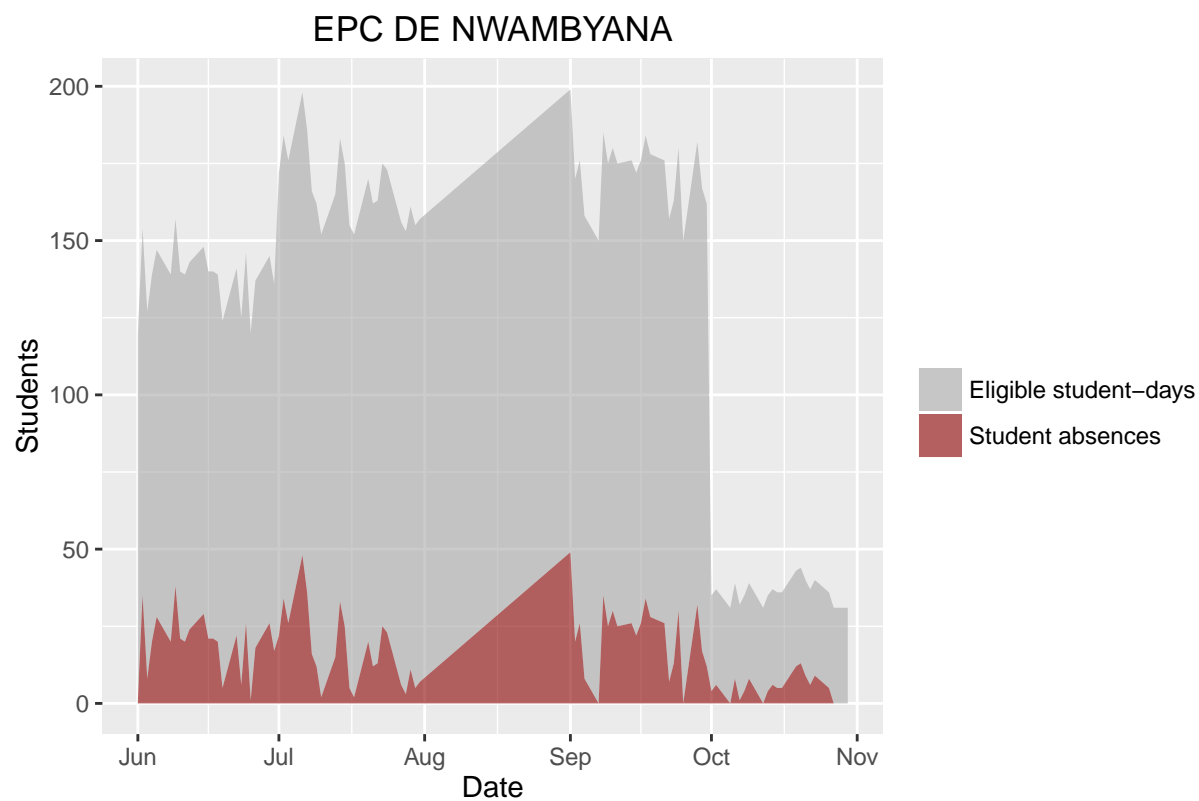
# E.P.DO 1 E 2 GRAUS DA PALMEIRA



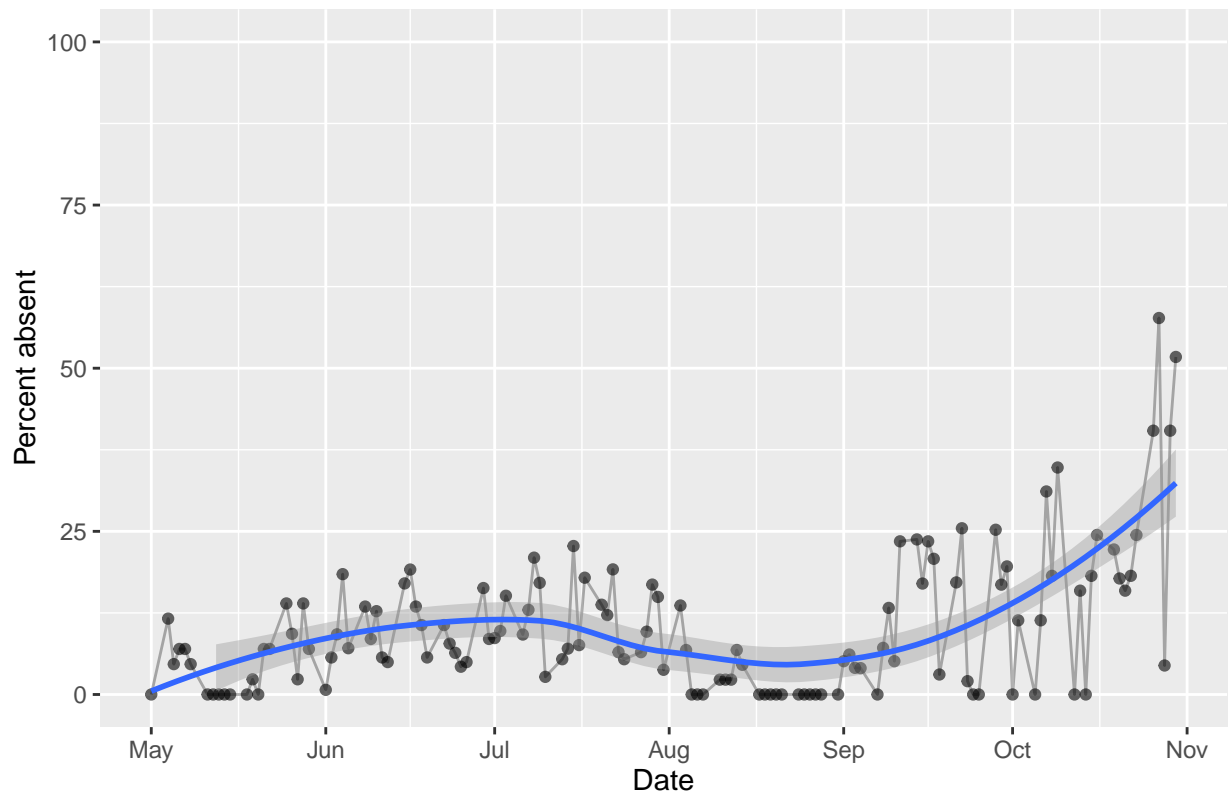
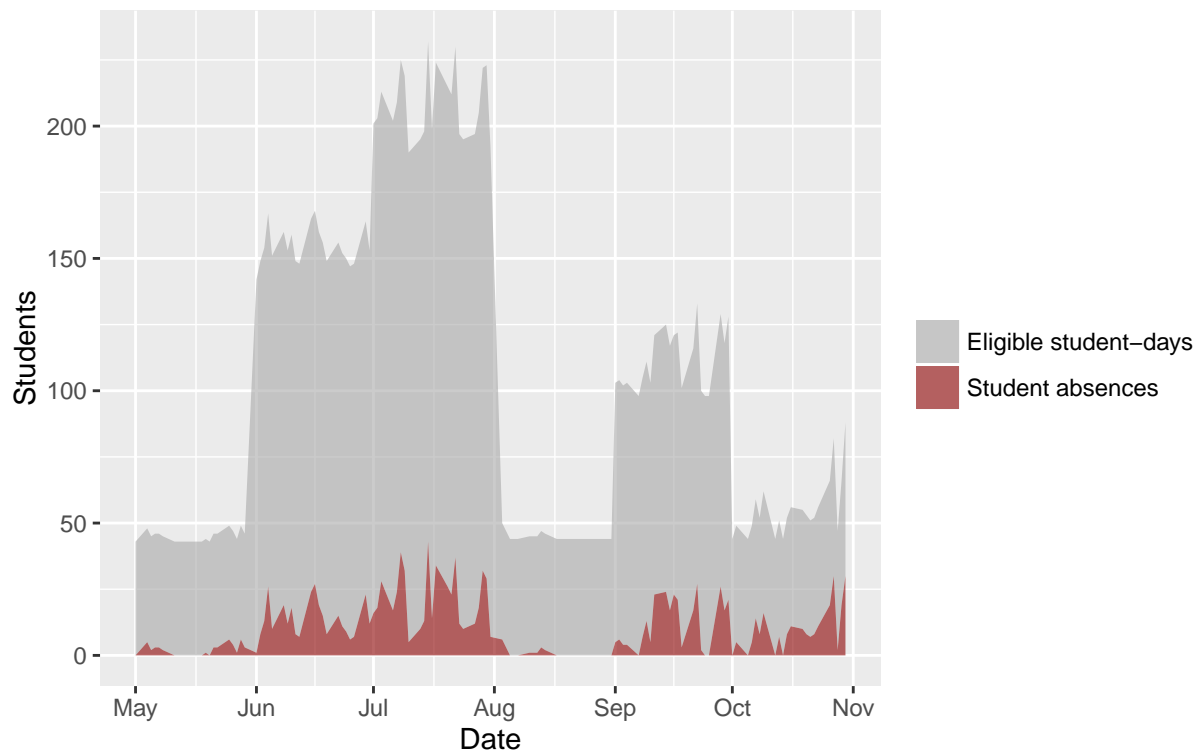


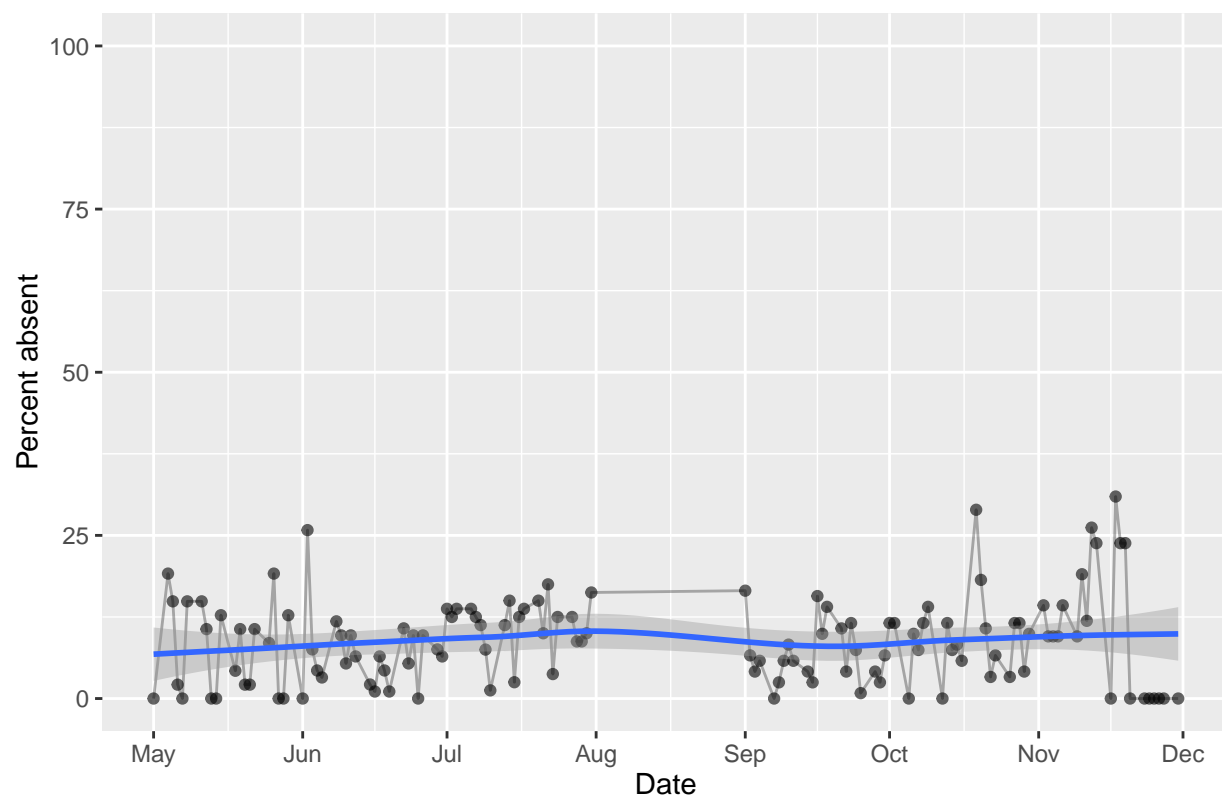
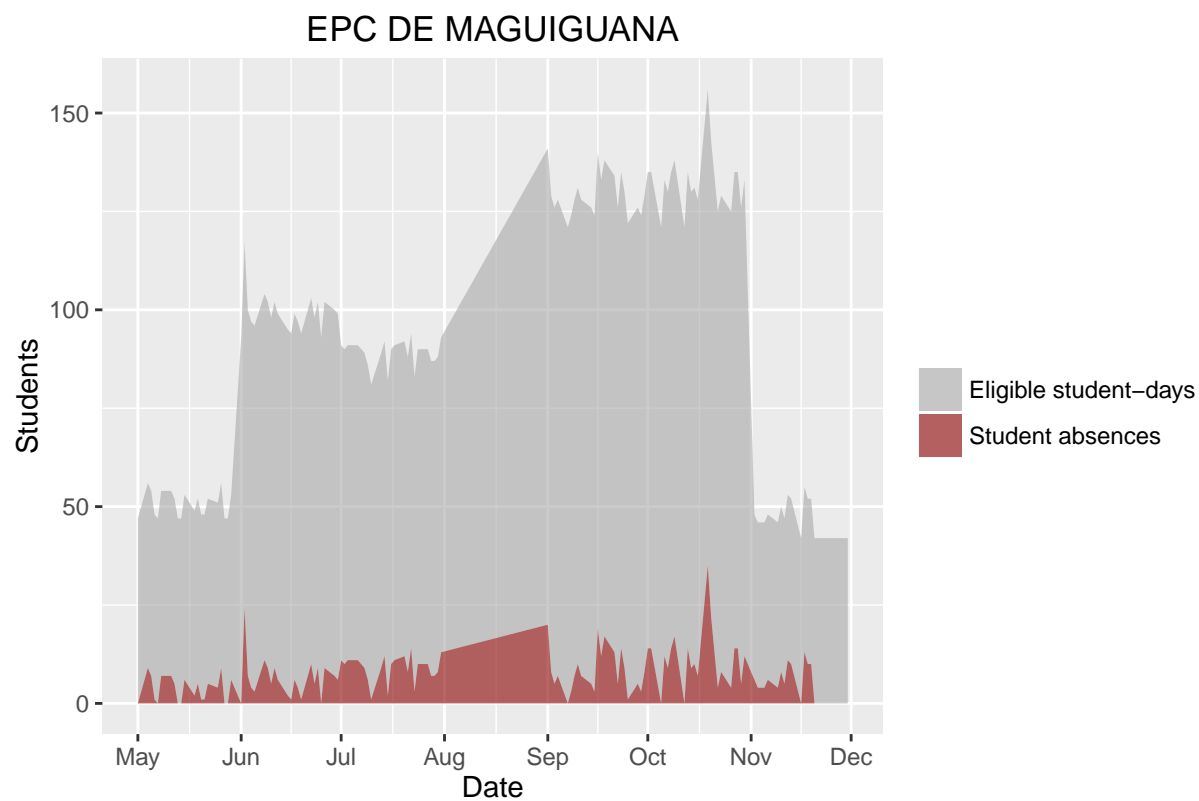
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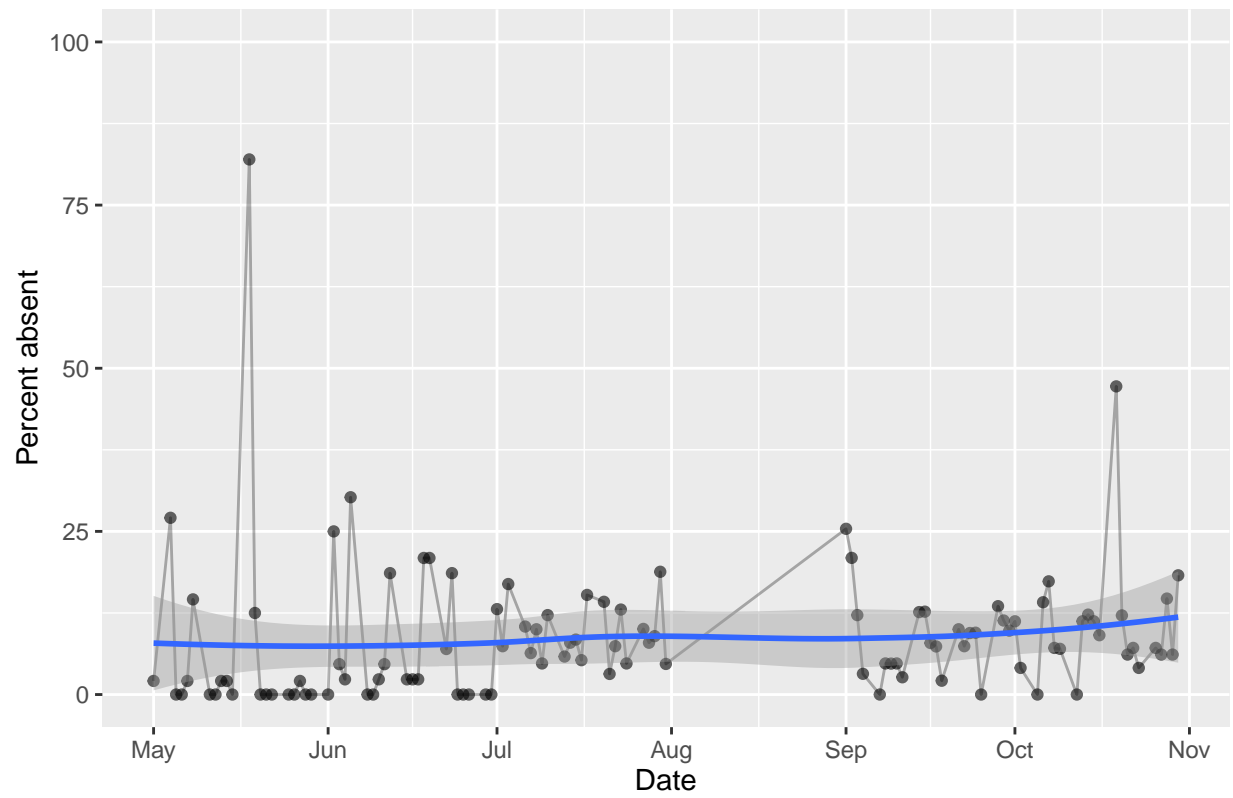
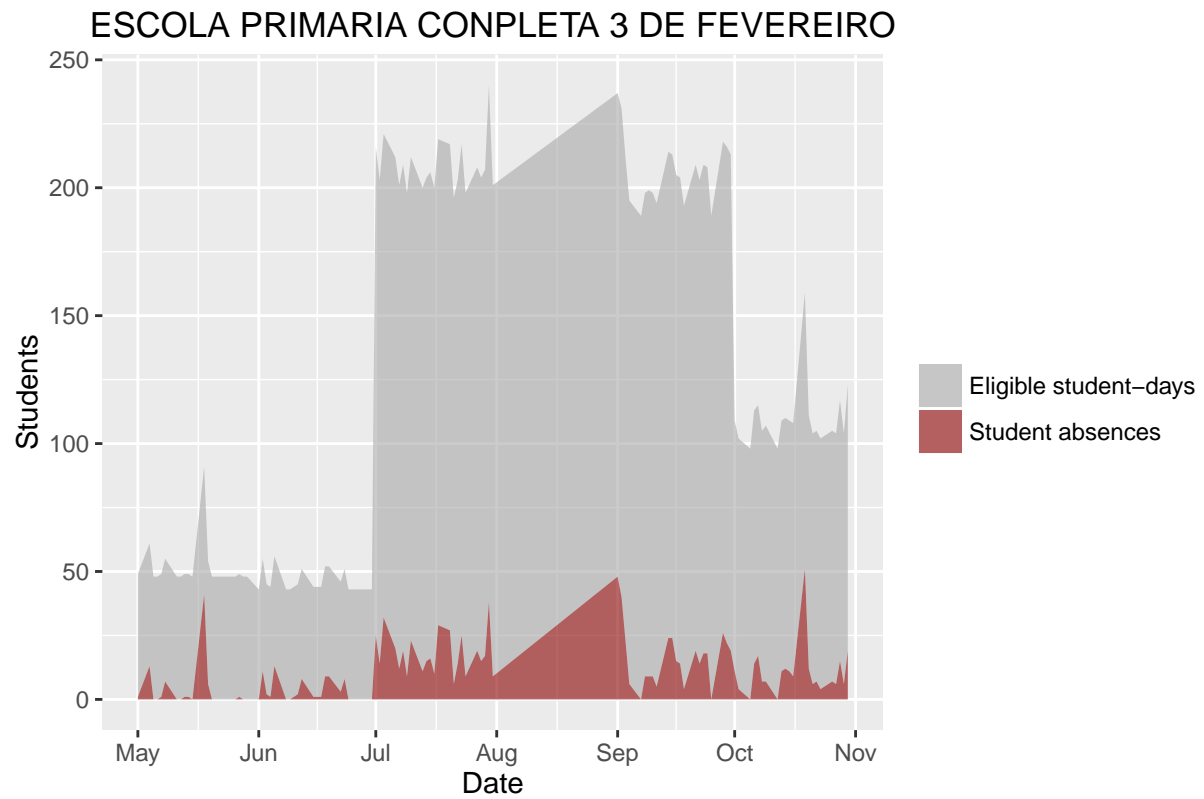




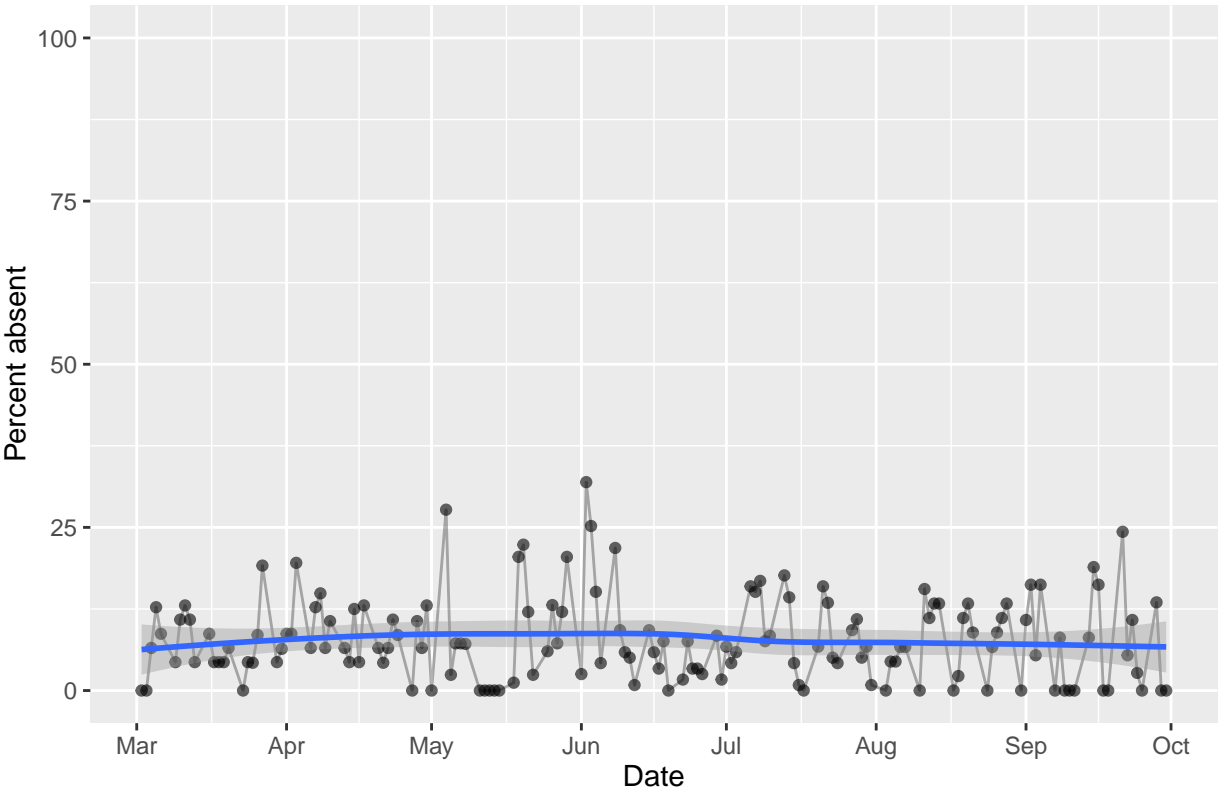
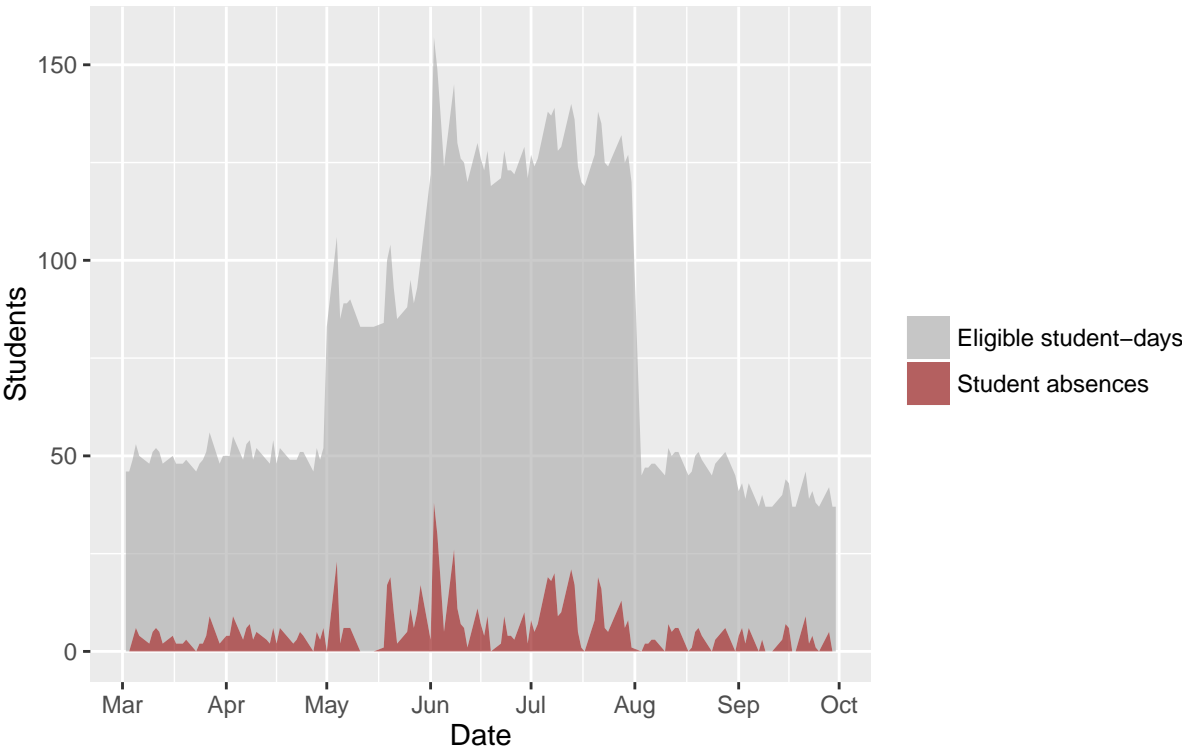
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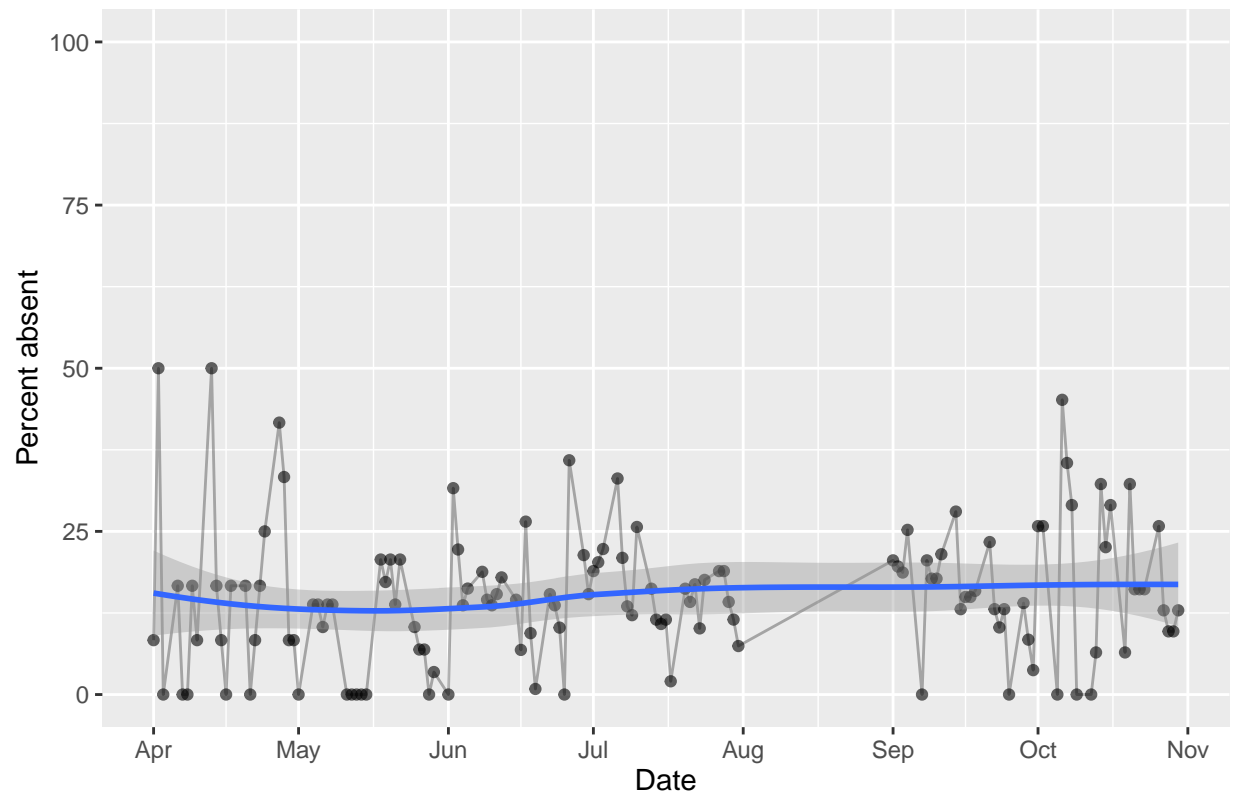
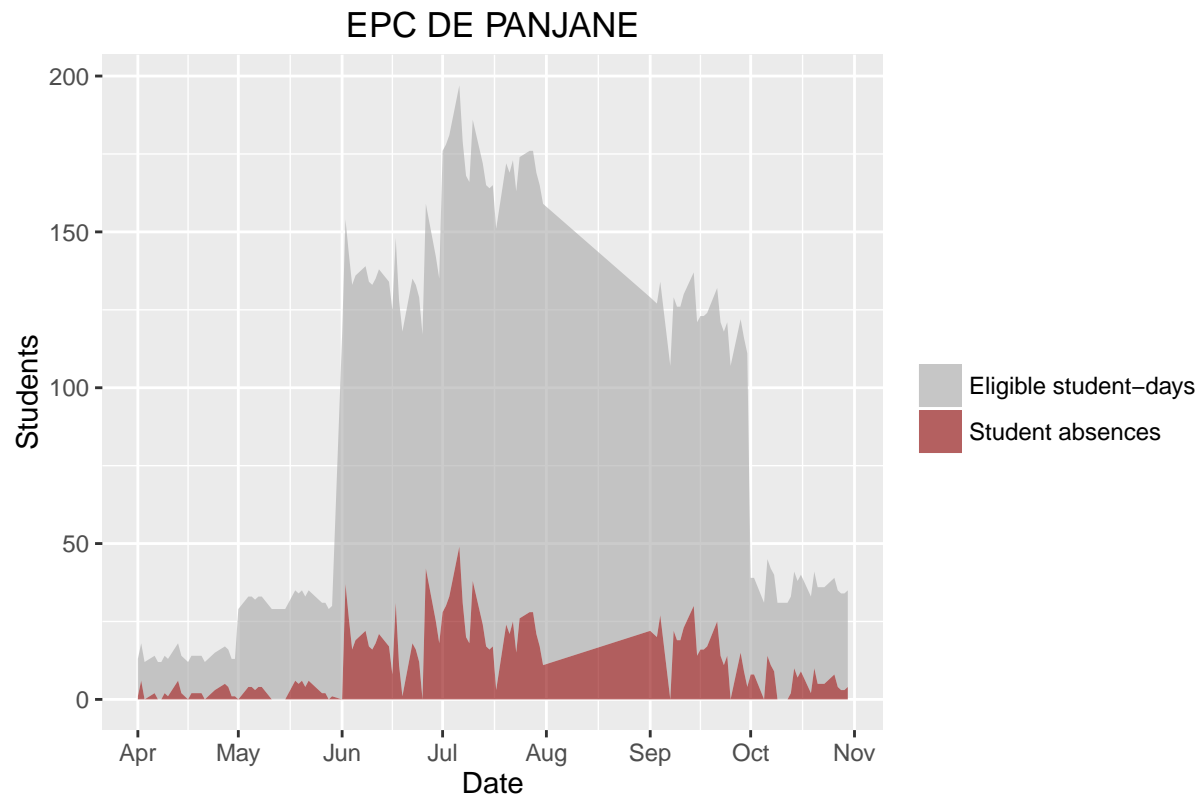




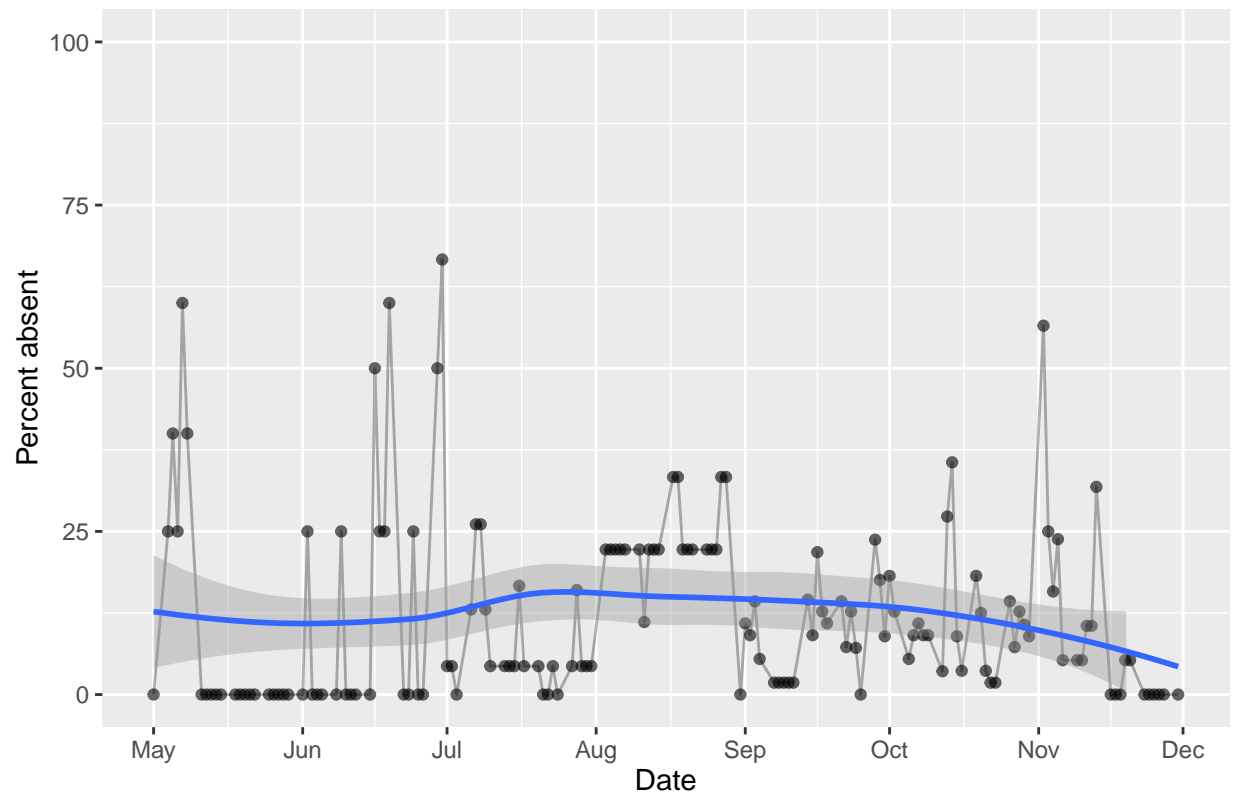
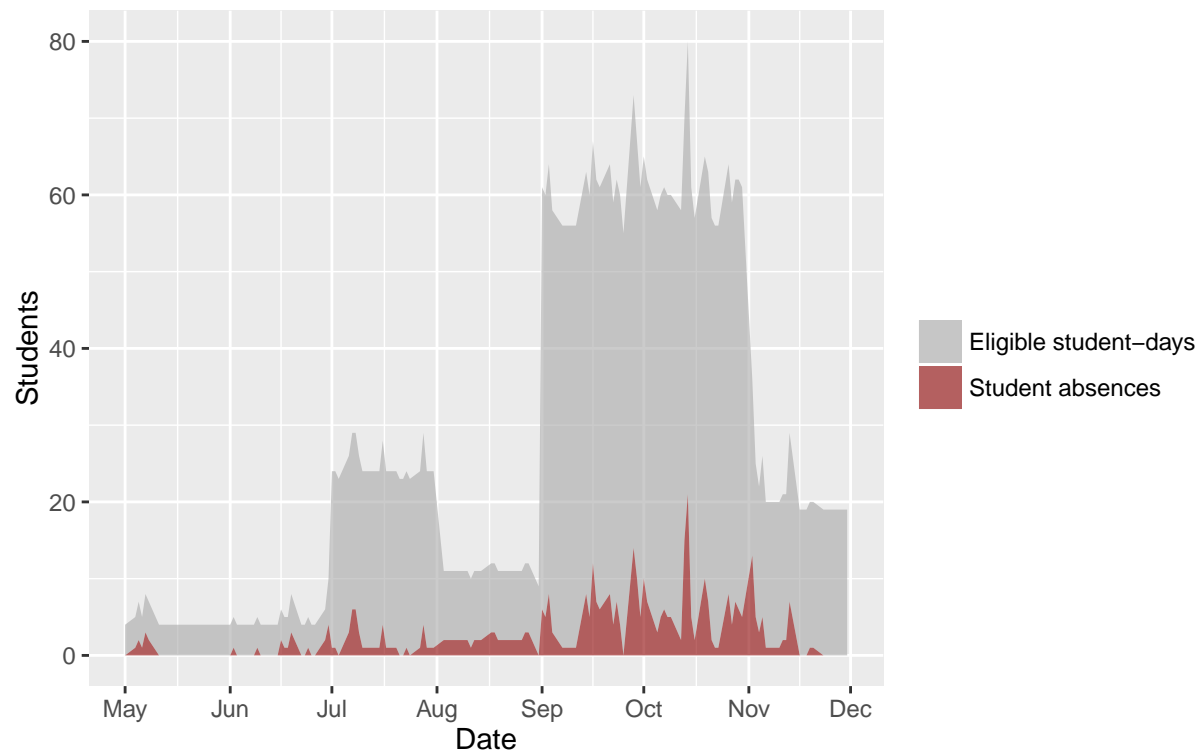


ESCOLA PRIMARIA DE1 E 2 GRAUS DE CHICUACHANE



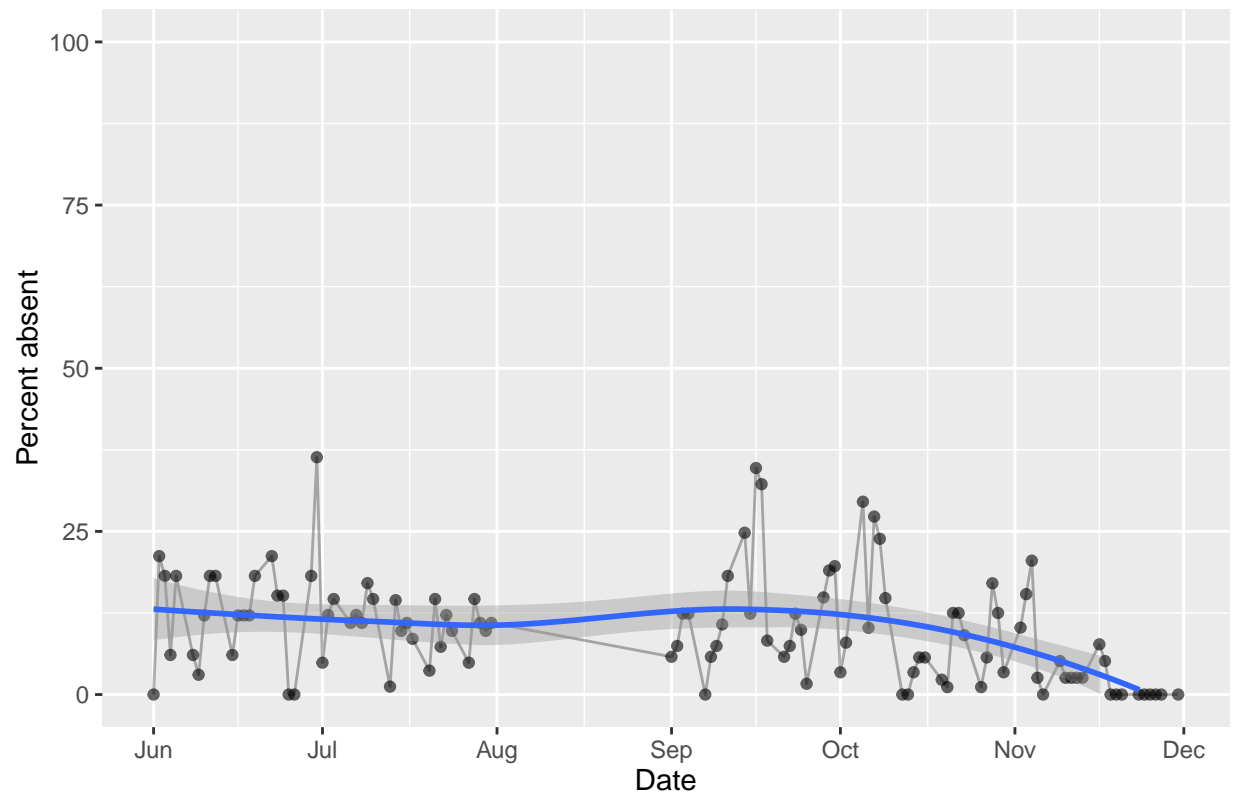
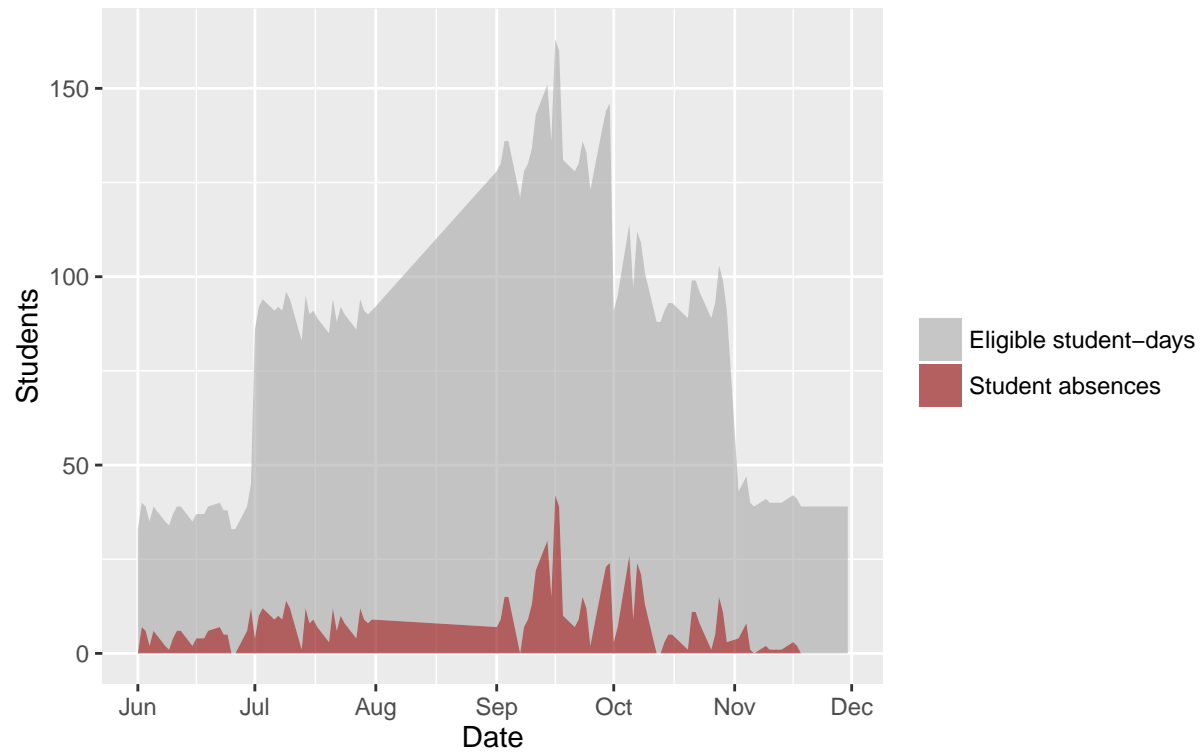


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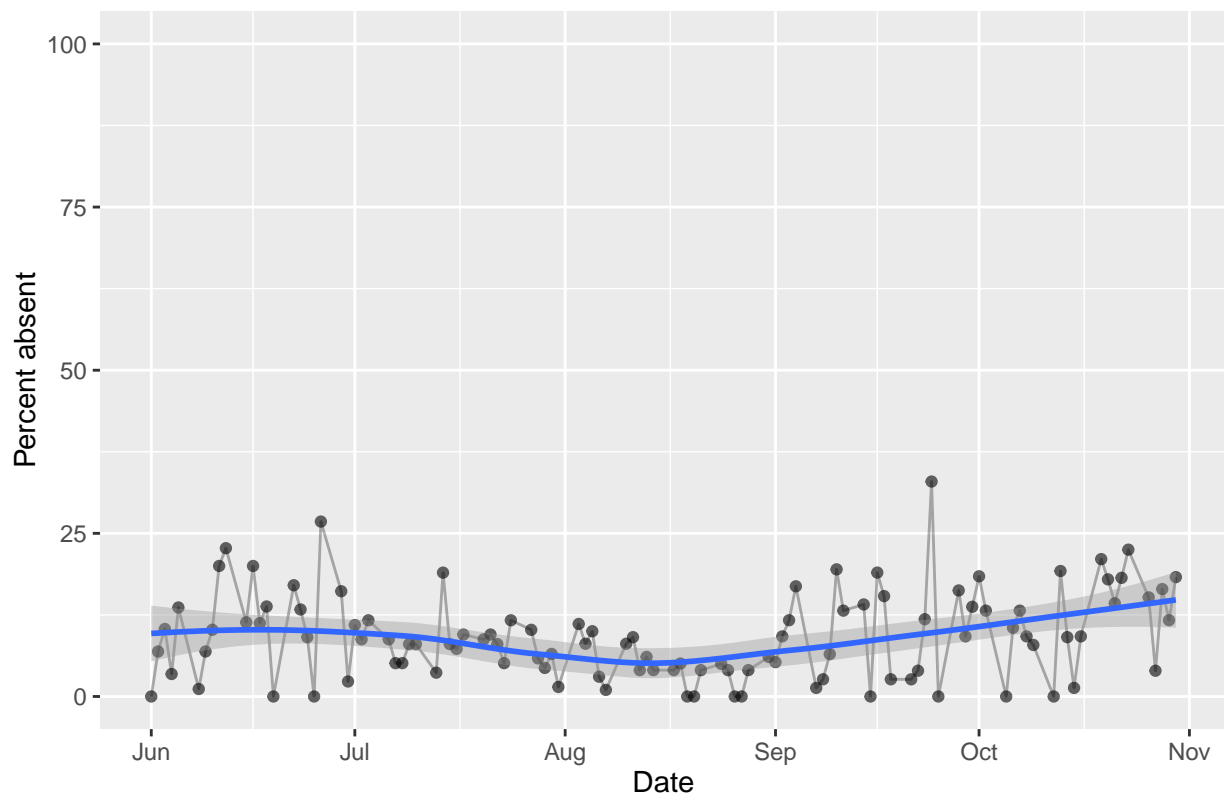
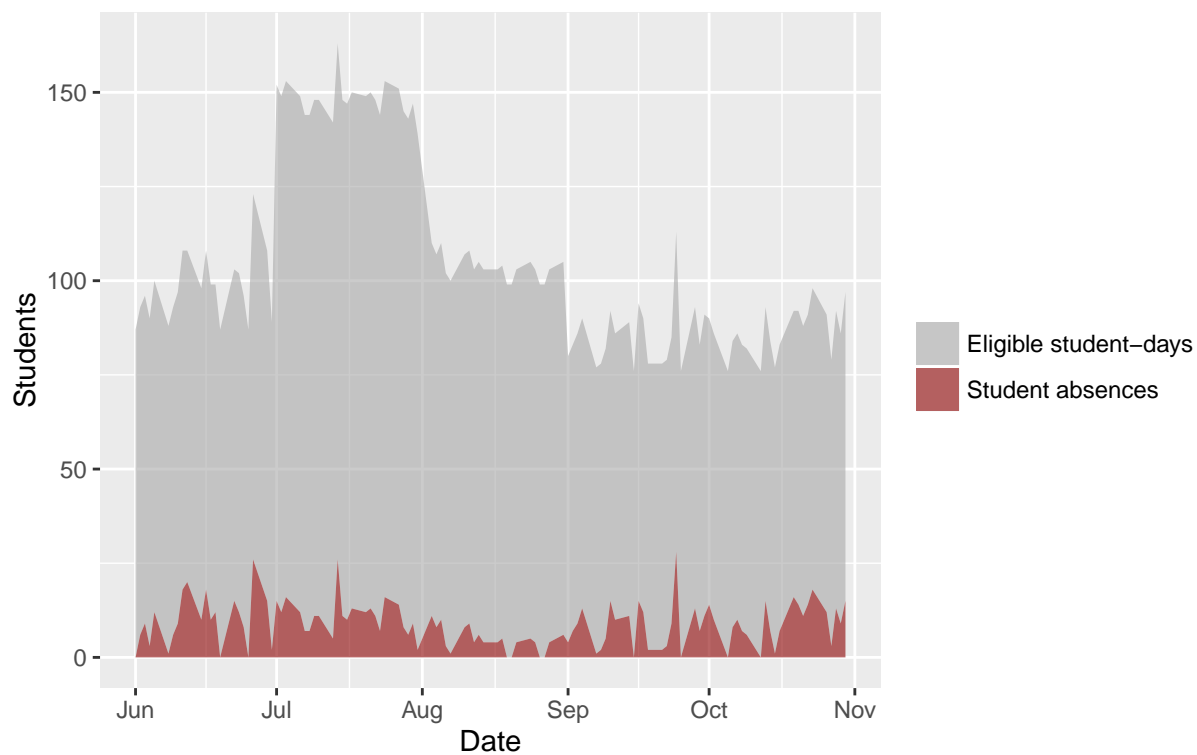




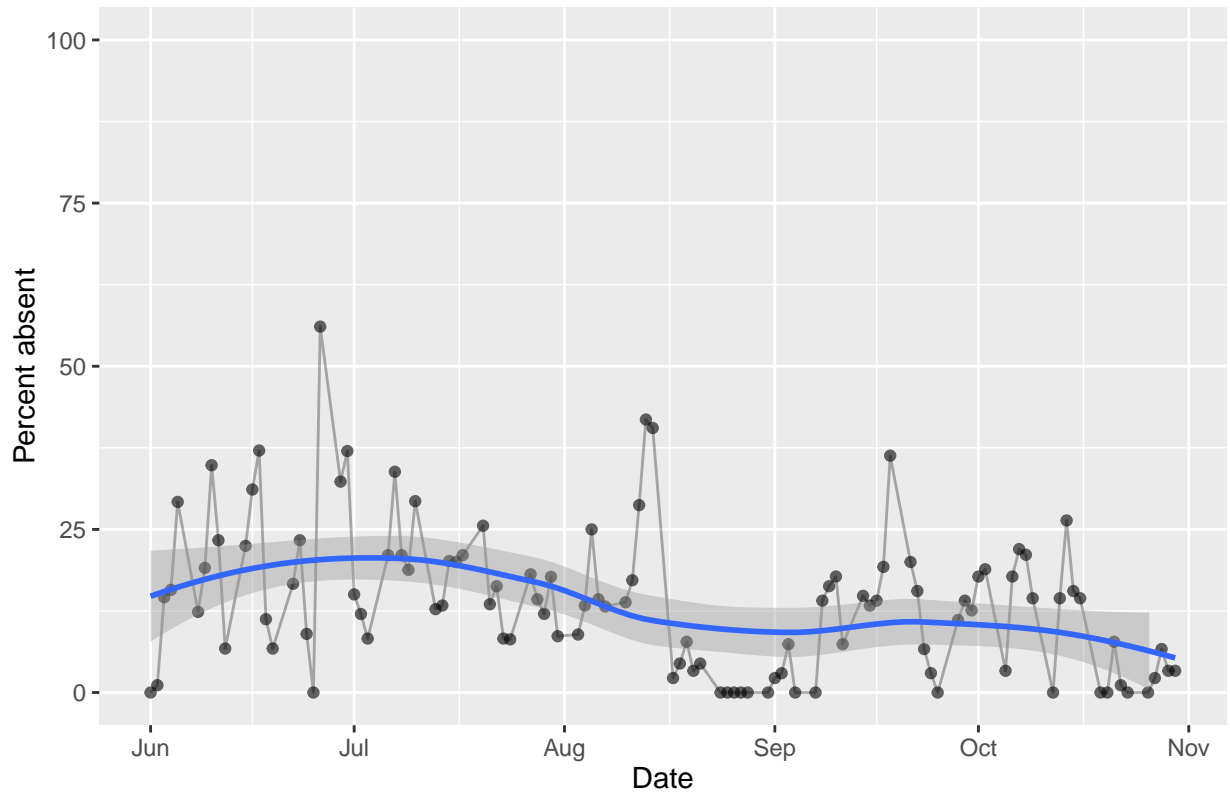
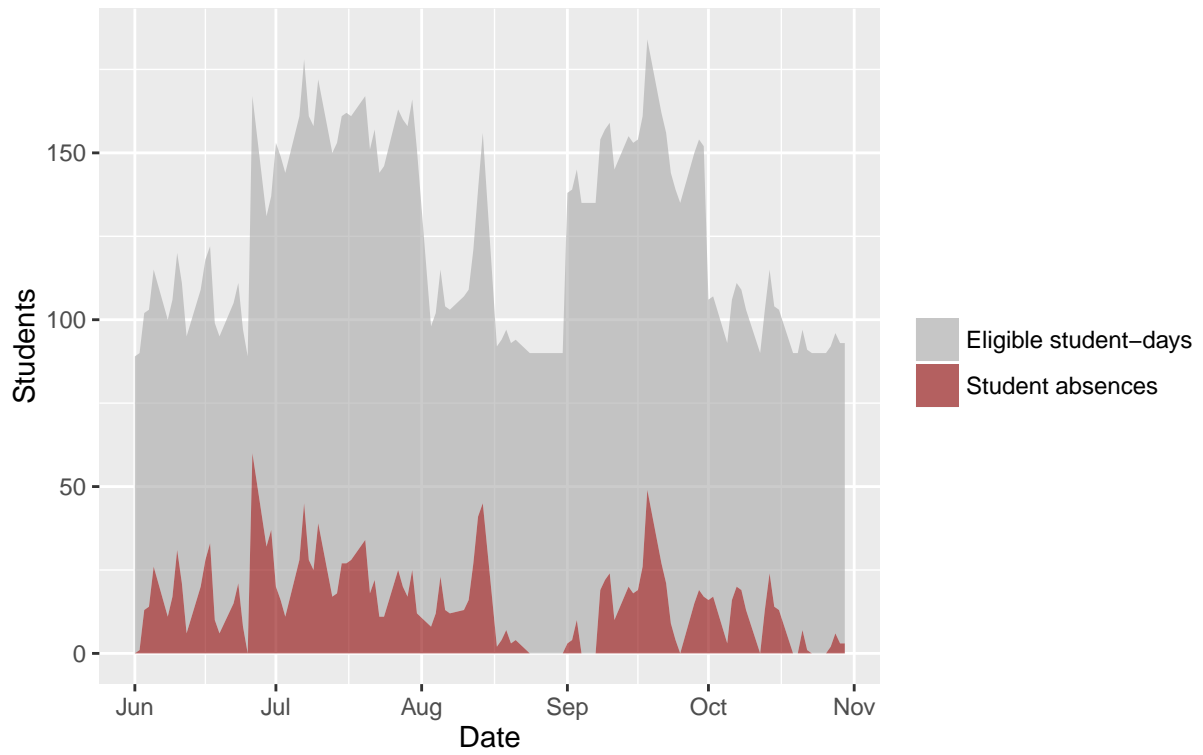
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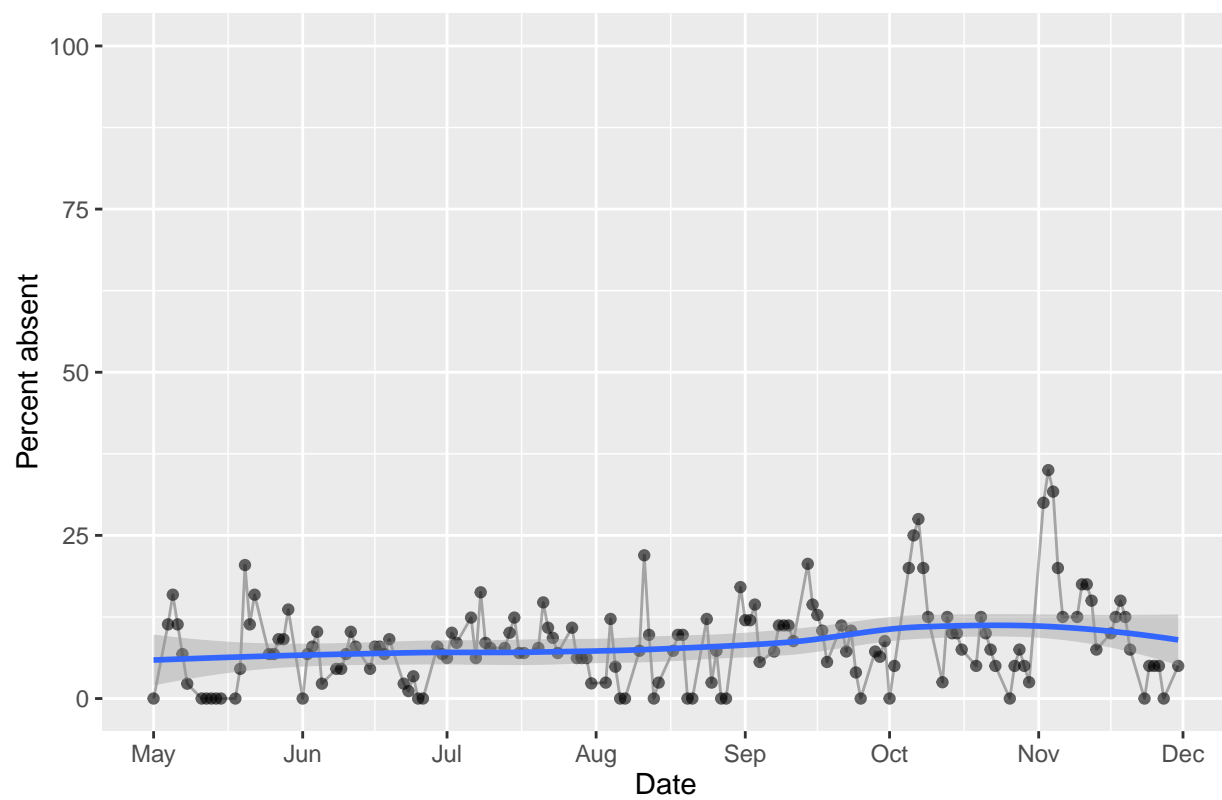
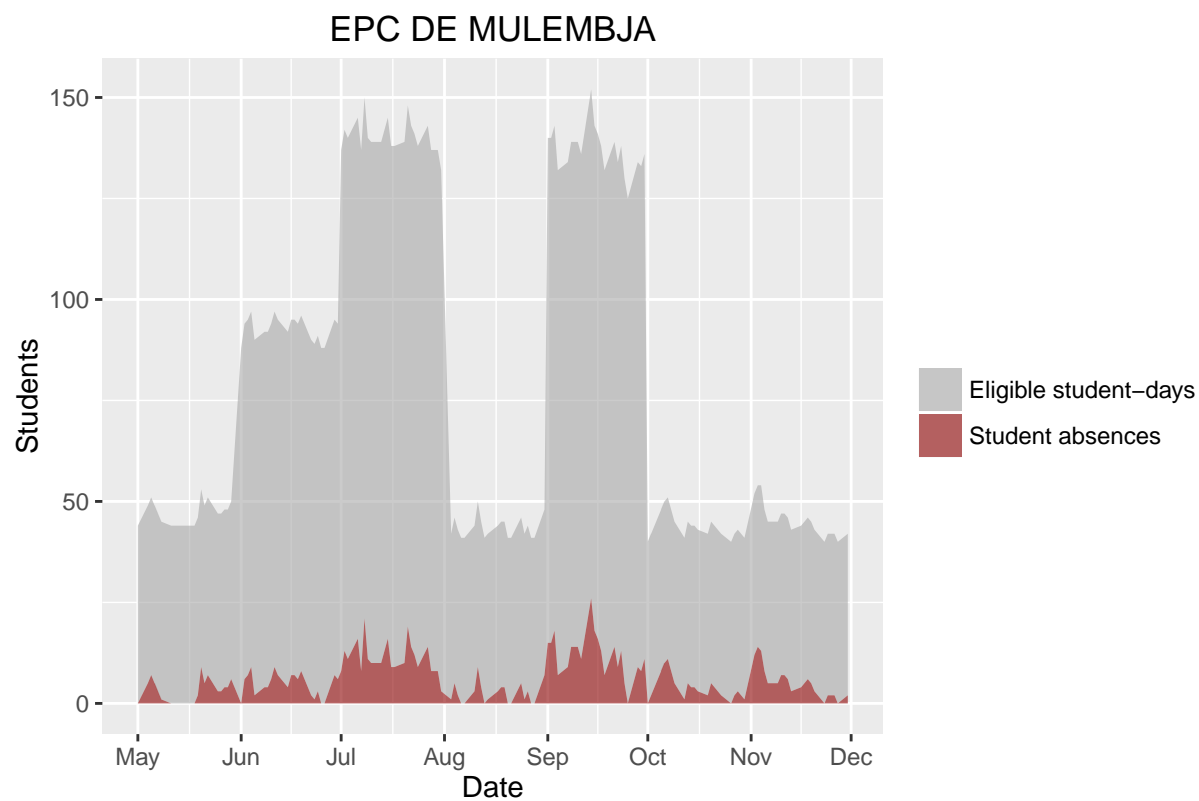


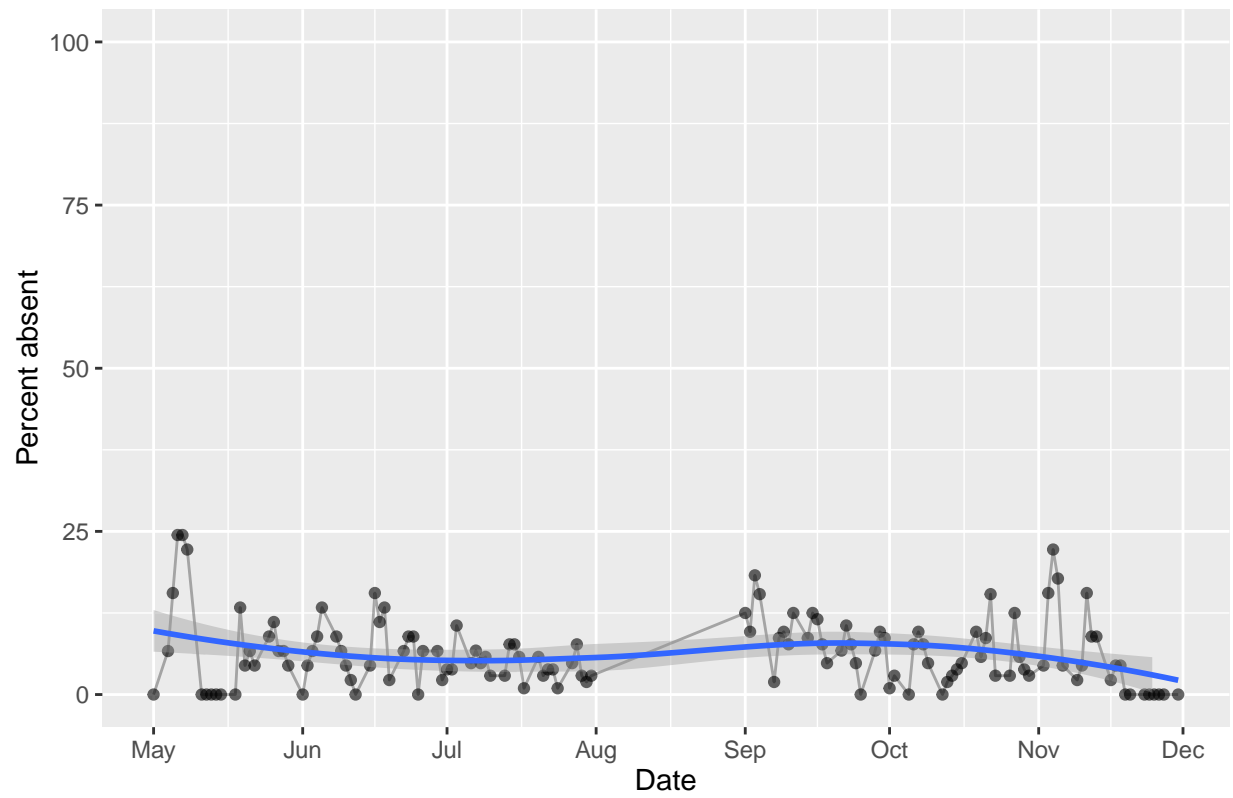
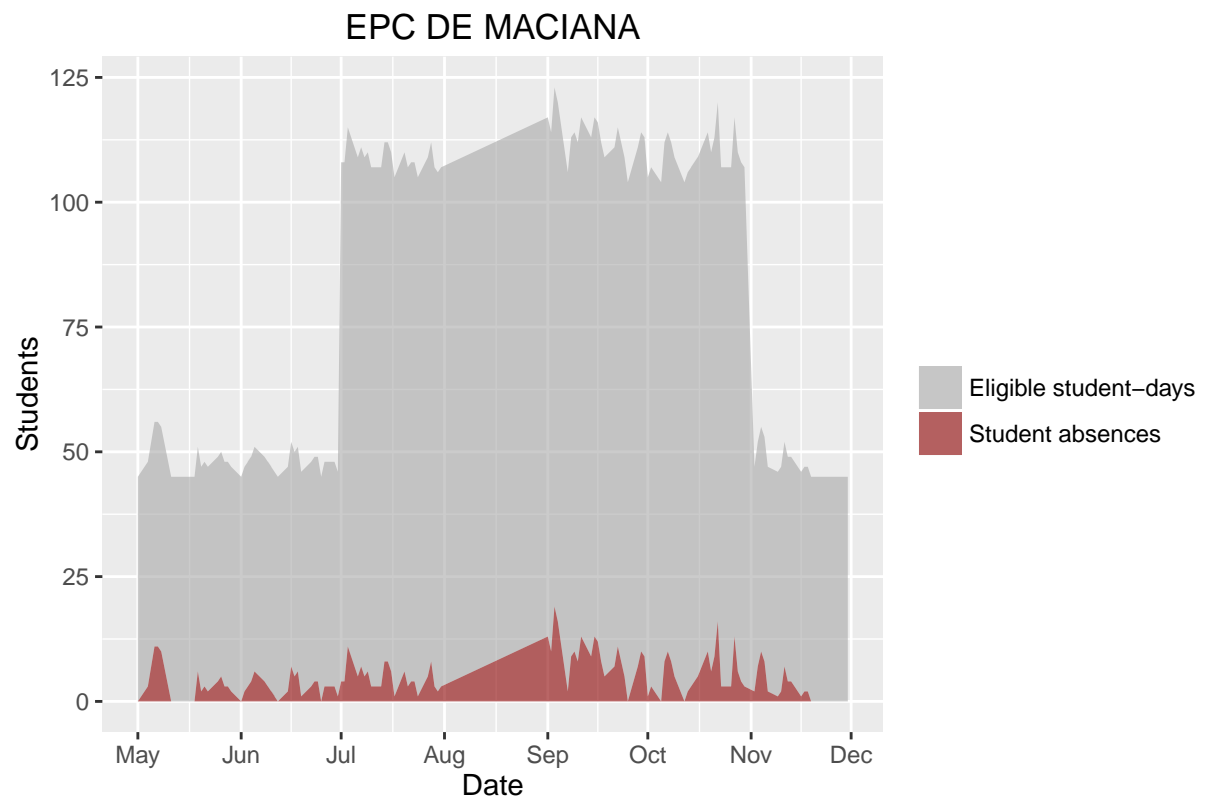
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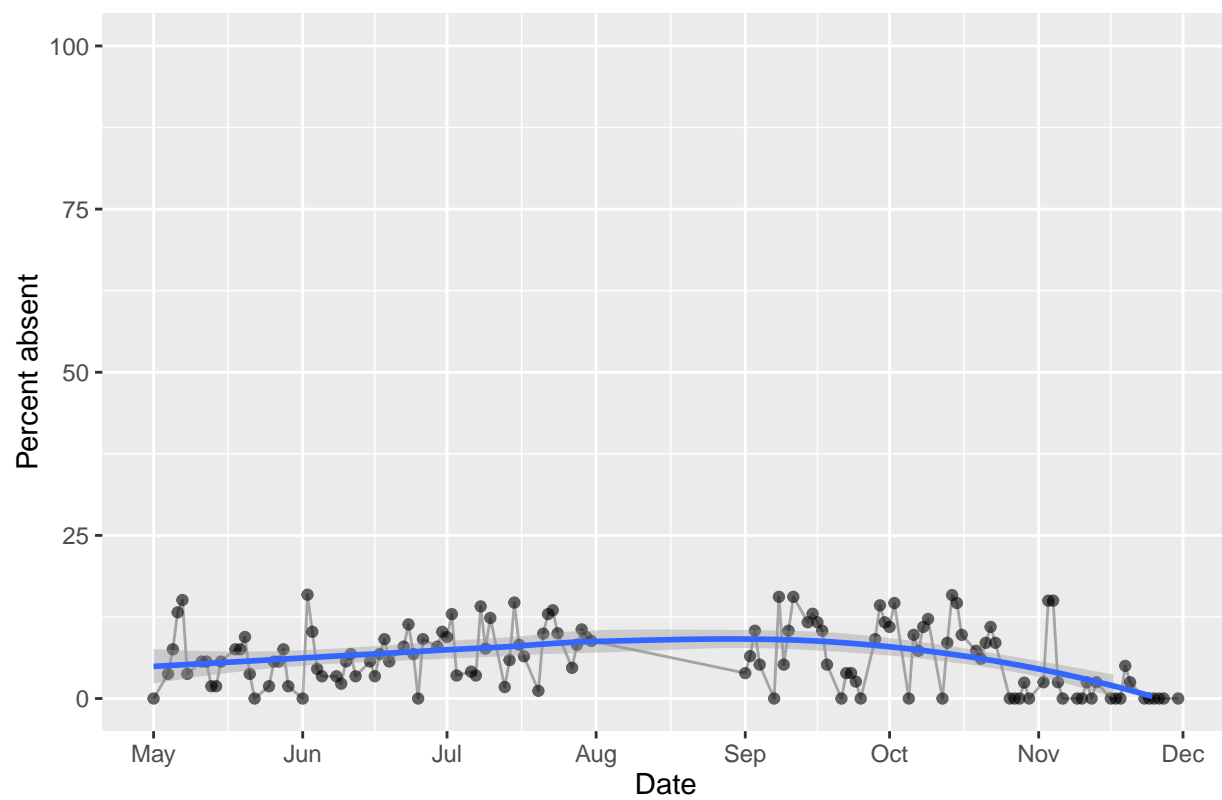
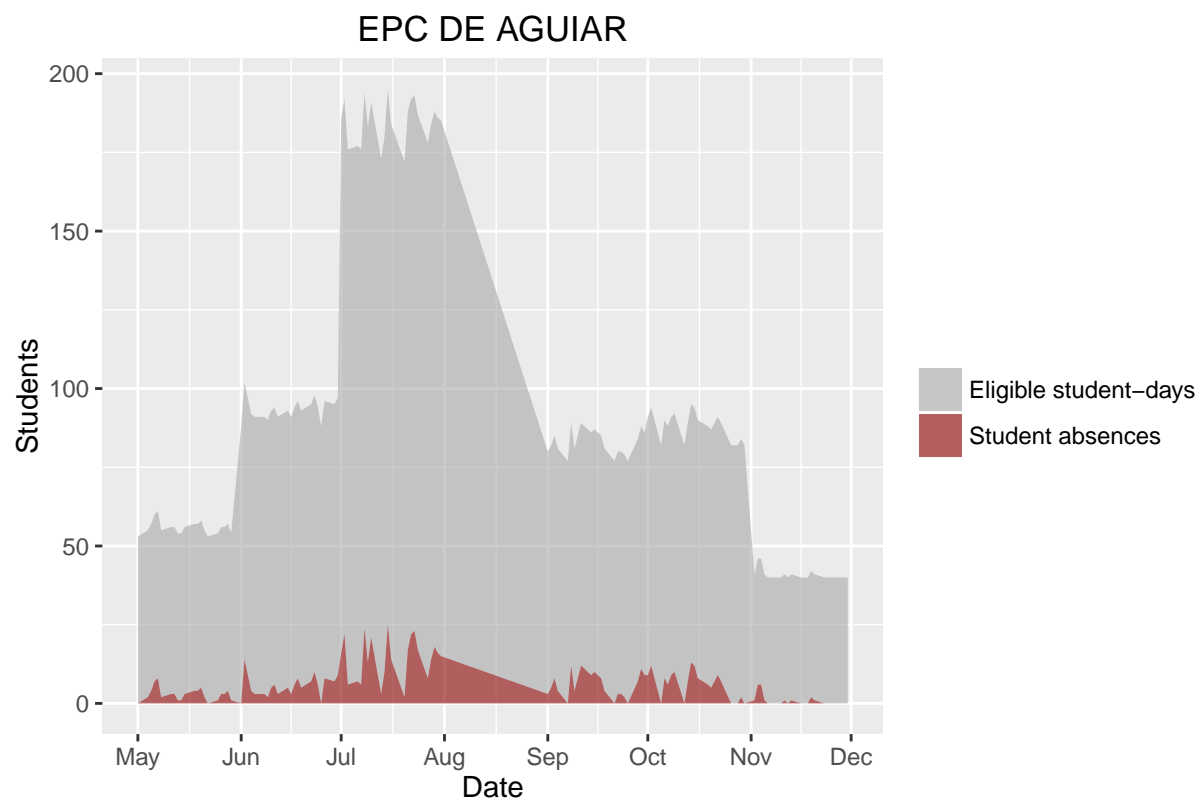


## EPC ILHA JOSINA MACHEL

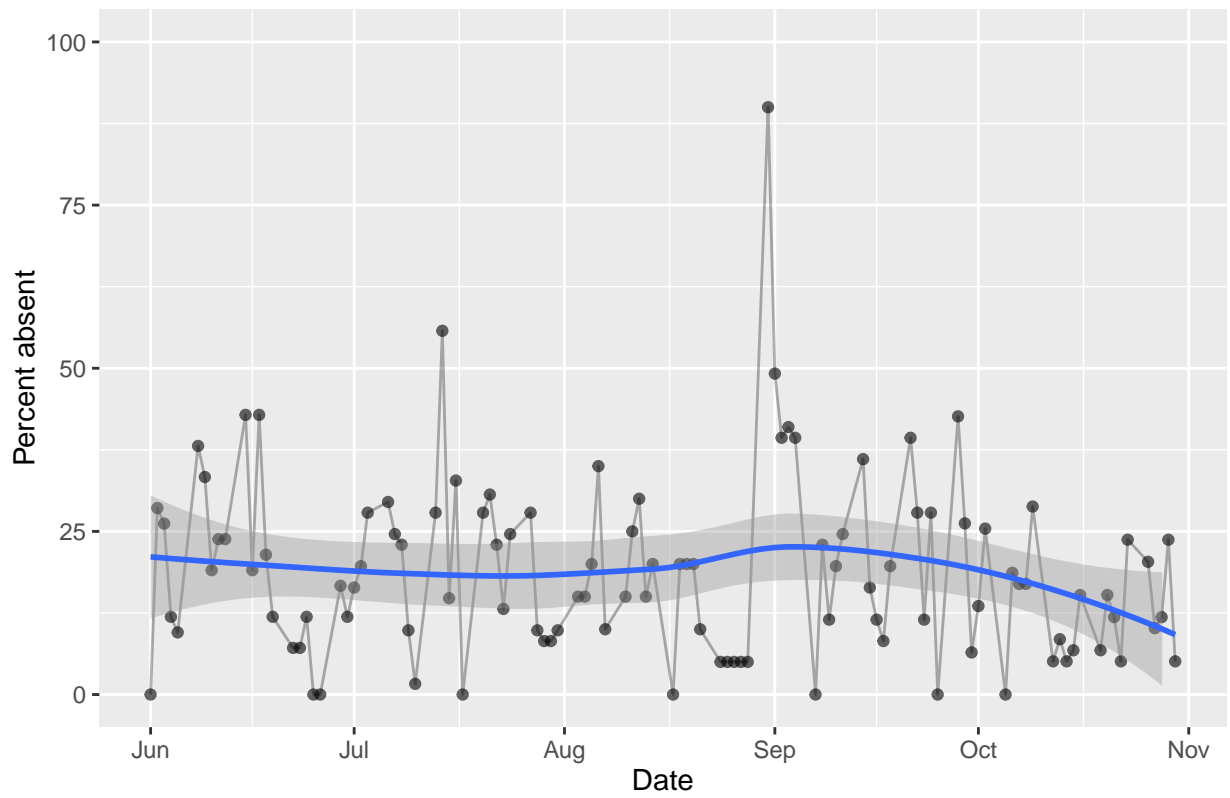
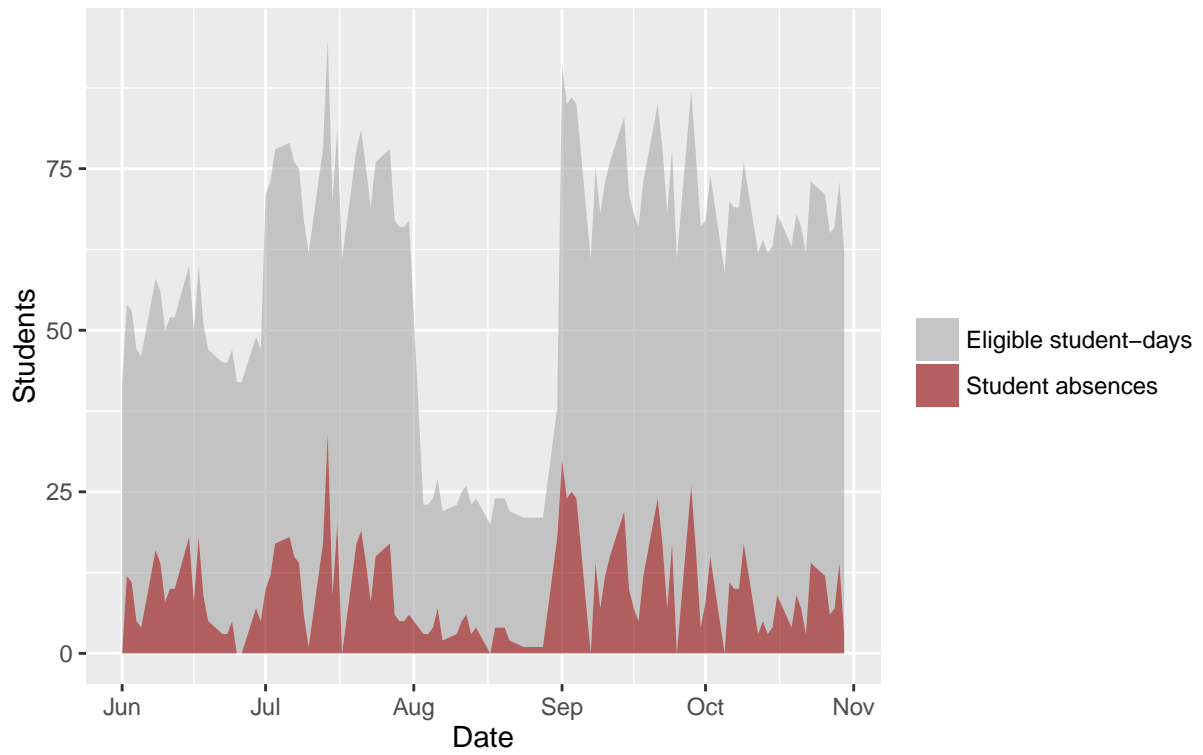




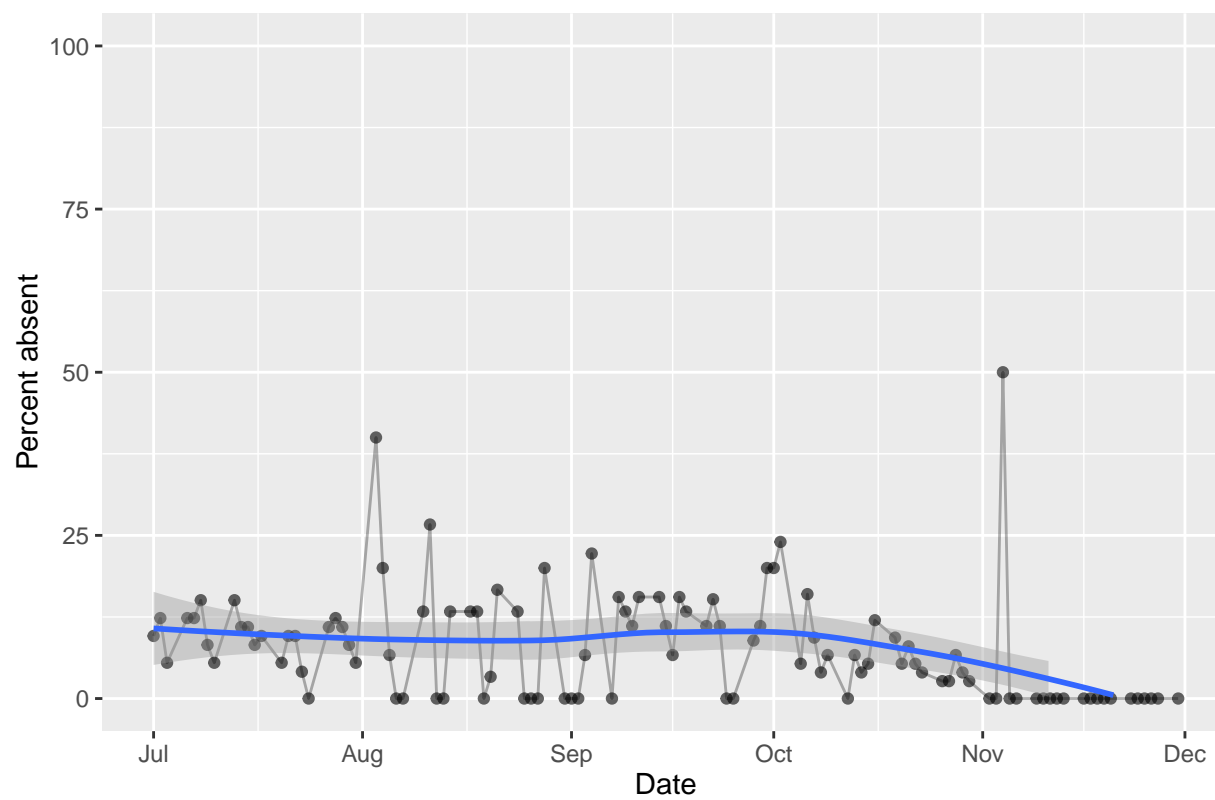
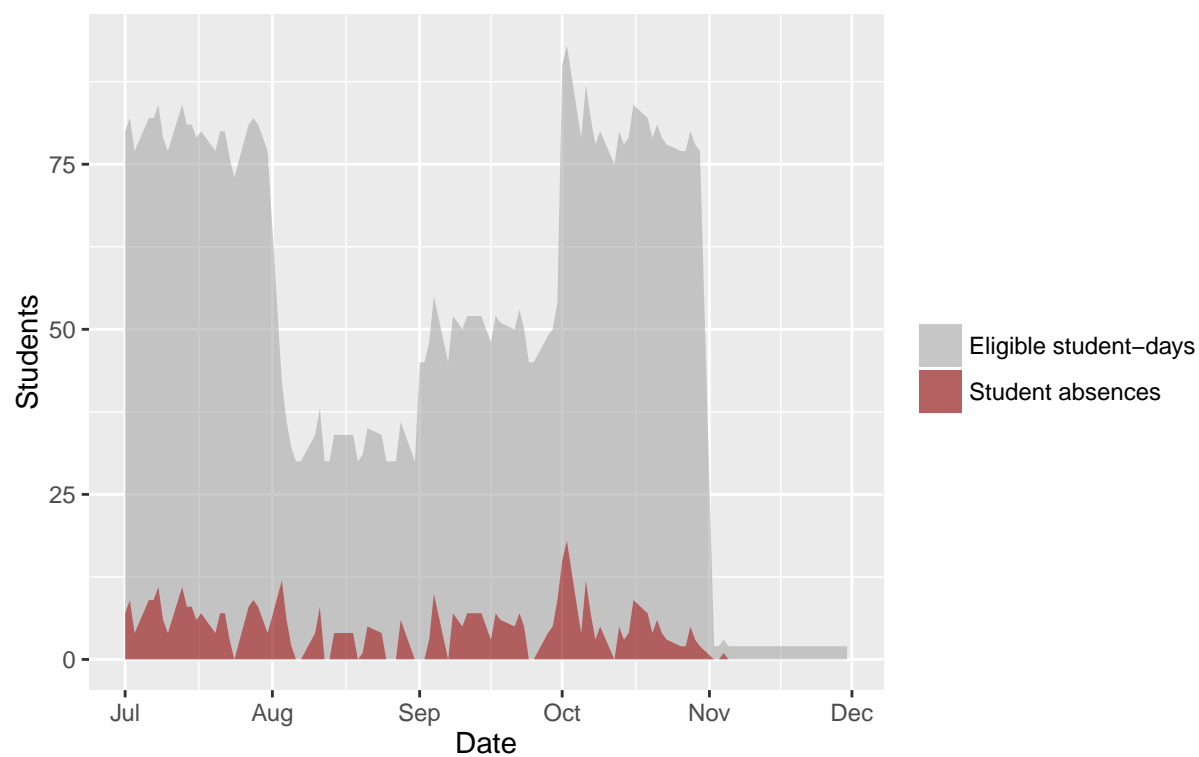




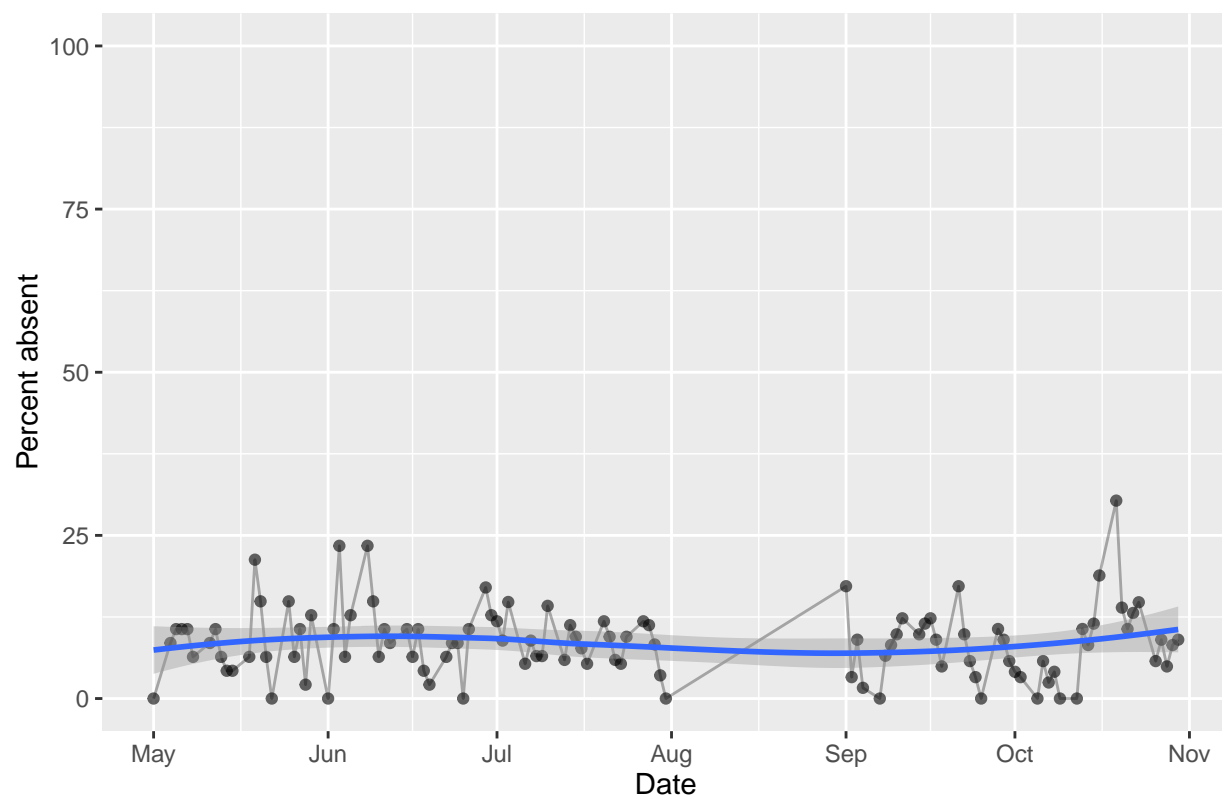
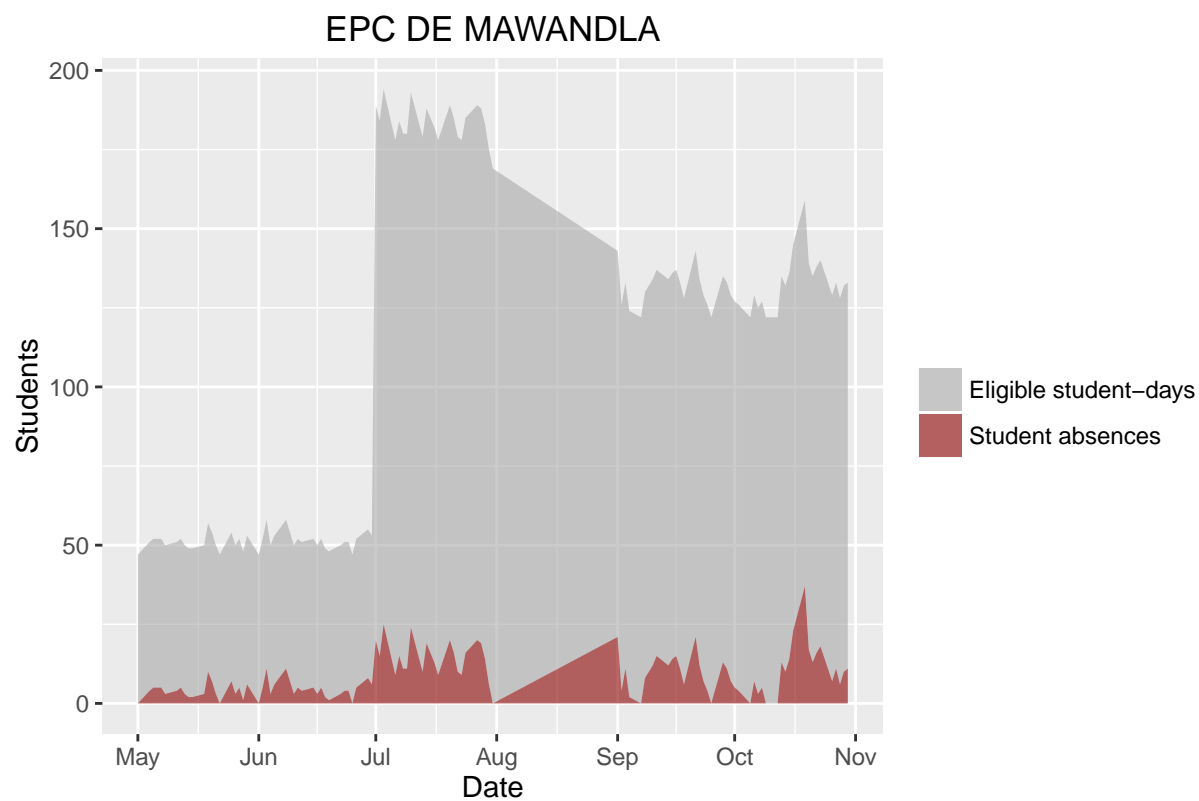
## EPC DE DUCO



## EPC MARAGRA







## EPC DE BOBI

