Student life and family circumstances that affect alcohol consumption

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R Markdown

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When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document.

Slide with Bullets

- Bullet 1
- Bullet 2
- Bullet 3

Introduction

This presentation outlines student life and first family circumstances that impact student alcohol consumption and the effect of alcohol consumption on student's efficacy of learning.

Background

The
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Methodology

Logistic Regression Choice

A logistic regression was conducted to determine what sort of family or external factors may be drivers for student alcohol consumption. This decision was made in context of categorical nature of many of the variables. These indicators are involved with impacting whether or not a student can be considered an "alcoholic" or "binge drinker. —-

Logistic Regression model Thus, in order to

Result communication

In terms of external and familial factors impacting whether or not a student respondent is a school/workday binge drinker, we assess that there are only three significant variables, which are whether or not the student has extra paid math classes, whether the student has attended nursery school or not, and the travel time of the student to school.

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paid
math
classes
is
4.285
times
as
likely
to
be a
binge
drinker
than
some-

Methodology

Linear regression

A linear regression was run to understand how student life impacts alcohol consumption and also to determine how alcohol consumption impact student's learning and performance at school. This decision was made in context of numerical nature of some of the variables.

Linear regression Model