STUDENT ALCOHOL CONSUMPTION

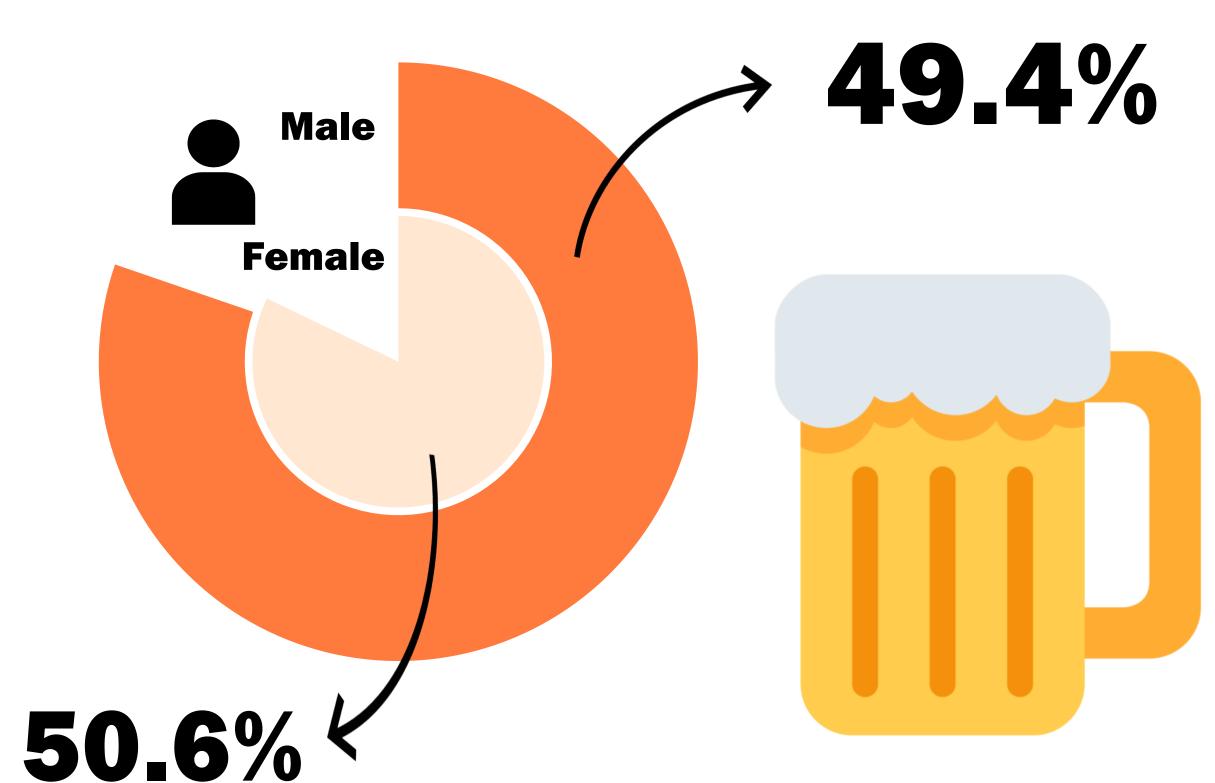
Underage drinking has been a serious long-term issue in the United Sates. It remains a huge concern as these behaviors can lead to negative consequences and effects. With multiple variables such as the amount of times a student studies, goes out, drink as well as their grades, students can see the effect alcohol has on them. Author: Rayanna Harduarsingh

Class: IST 719 M001 Date: May 11, 2021

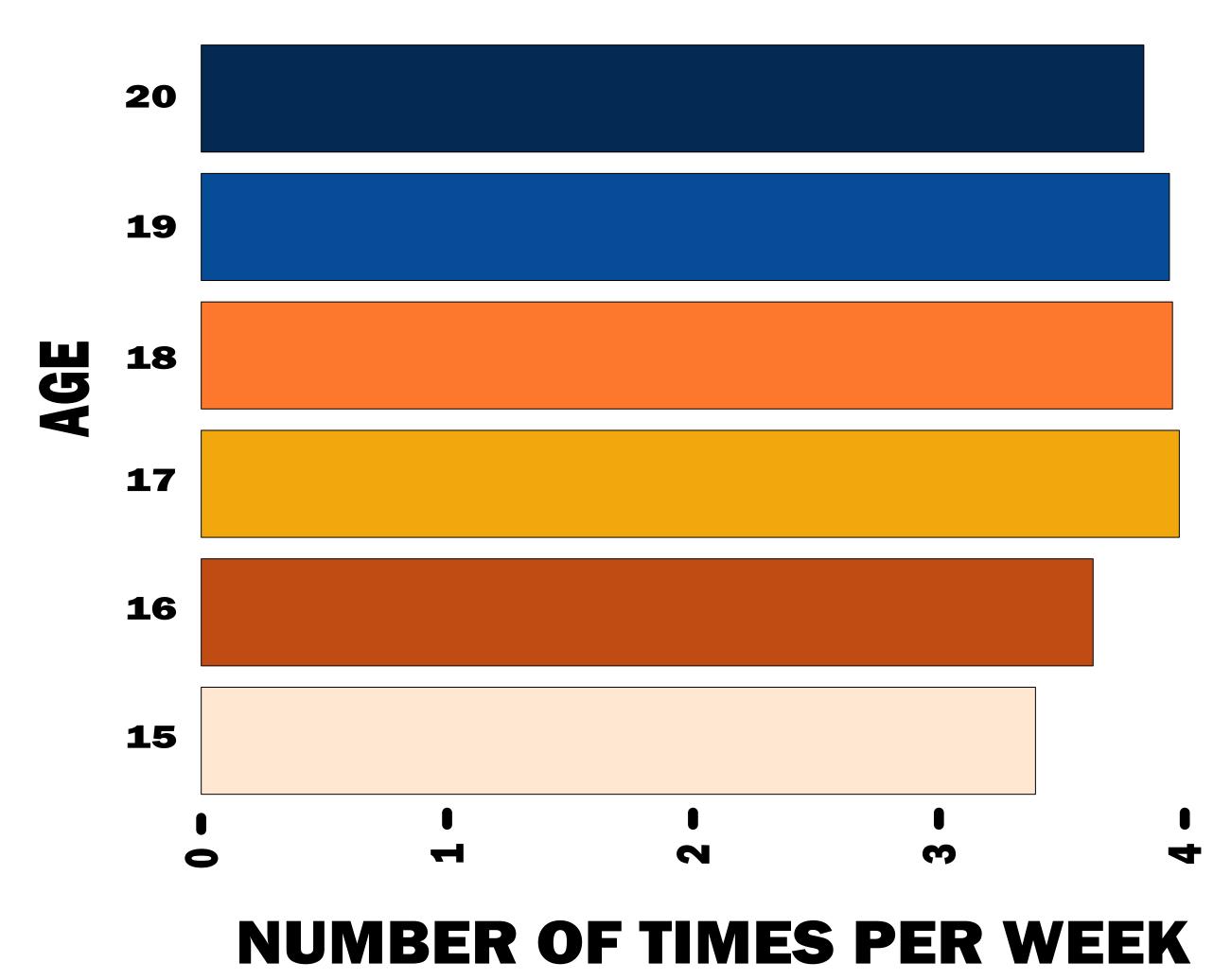
DATA DESCRIPTION

The University of California obtained student data from a survey on a Portuguese language course in secondary school. With 39 columns and 649 rows, the data set included various social, gender, and study data on these students as well as their drinking behaviors. The data combines weekday and weekend alcohol consumption among students which will used to compare to their academic acitivites and general demographics.

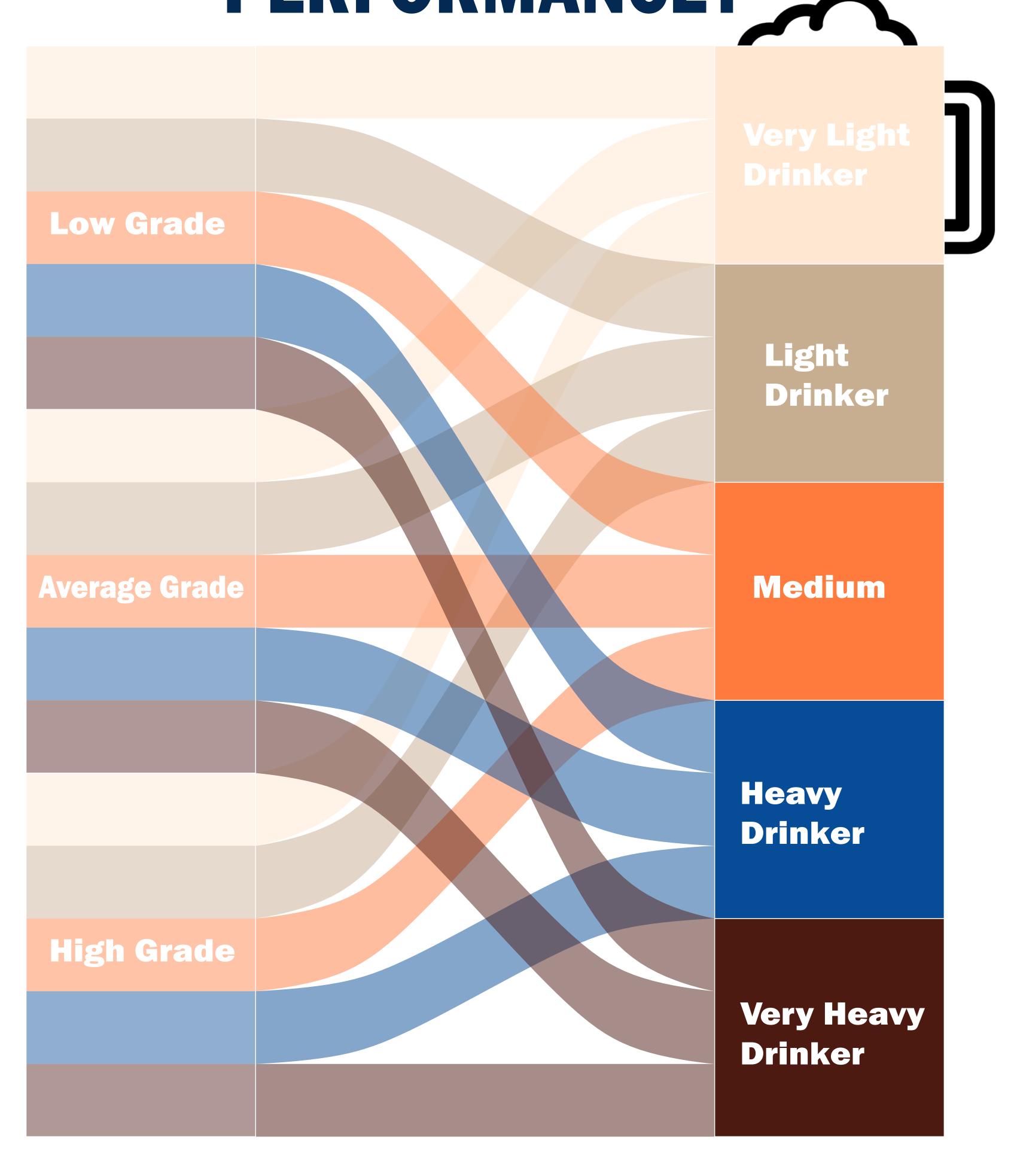
UNDERAGE DRINKING



HOW OFTEN DO THEY DRINK?



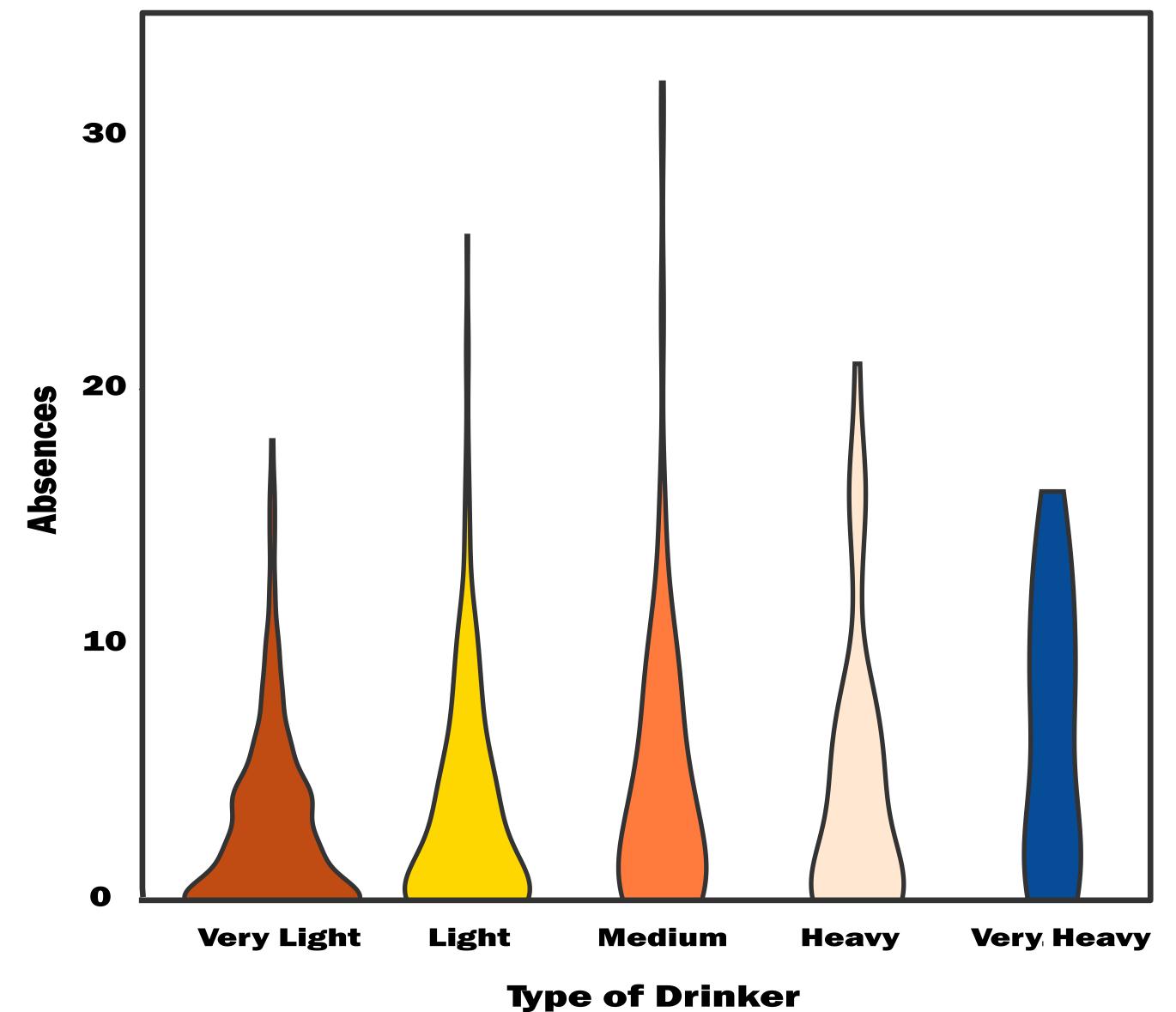
DOES UNDERAGE DRINKING AFFECT A STUDENT'S PERFORMANCE?



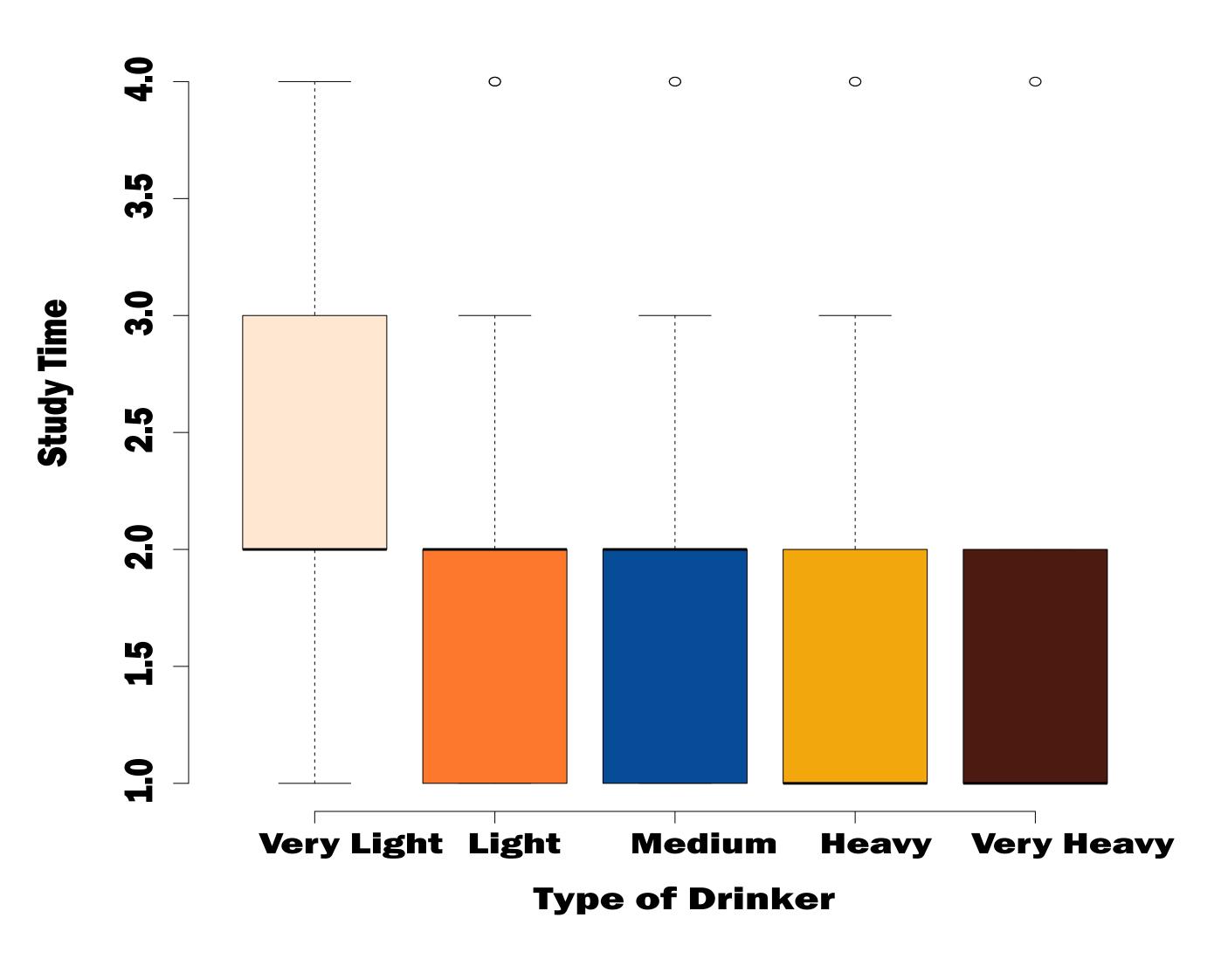
The type of drinkers were distributed into categories or levels based on their level of alcohol consumption per week. "Very Heavy" drinkers drank more than 7 times a week. Each type of drinker is drawn to a ranking based on their final semester grade as in if they score below average, average, or above average. It's clear that very heavy drinkers perform either average or have a low grade while very light drinkers score above average.

WHAT ARE THEIR BEHAVIORS?

ABSENCES



STUDY TIME



SOURCES:

Student Alcohol Consumption https://www.kaggle.com /uciml/student-alcohol-consumption

R PACKAGES: ggplot2, tidyverse, ggalluvial, dplyr, tidyr Images: The Noun Project