

Project 1: Simple Data Comparisons (option B)

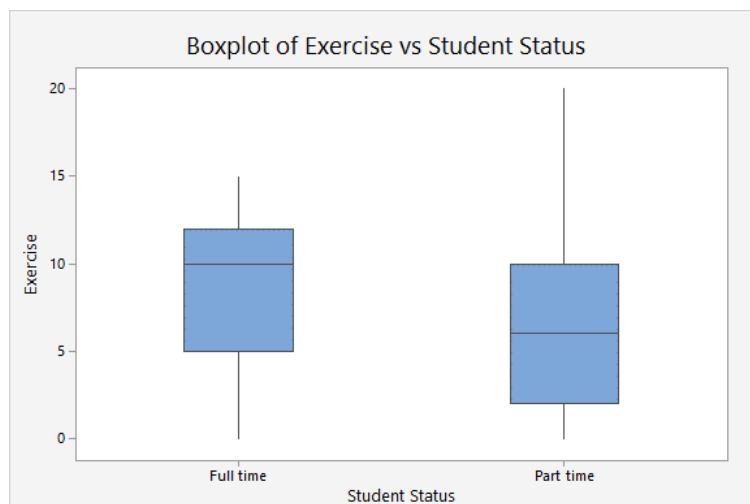
The variables I picked were Student Status, Exercise, Hours Worked, Parent. From these variables I am comparing the following: Student Status vs. Exercise, Student Status vs. Hours Worked, Student Status vs. Parent.

Student Status vs. Exercise

My hypothesis for this comparison is that Part-time students exercise less than full-time students. This is an alternative hypothesis and I used a descriptive comparison with boxplot to compare the data. Based on the results below, I found that on average part-time students exercise 6.357 hours a week and full-time students exercise 8.059 hours per week. This information supports my hypothesis, but I found it interesting that the person who exercises the most in our class (20 hours/week) is a part time student. I expected these findings because I thought part time students probably worked more hours than part time students, so they probably don't have very much time to exercise.

Statistics

Variable	Student Status	N	Mean	StDev	Minimum	Q1	Median	Q3	Maximum
Exercise	Full time	17	8.059	4.479	0.000	5.000	10.000	12.000	15.000
	Part time	14	6.357	5.597	0.000	2.000	6.000	10.000	20.000



Student Status vs. Hours worked

Add needed information for this comparison here.

Student Status vs. Parent

Add needed information for this comparison here.