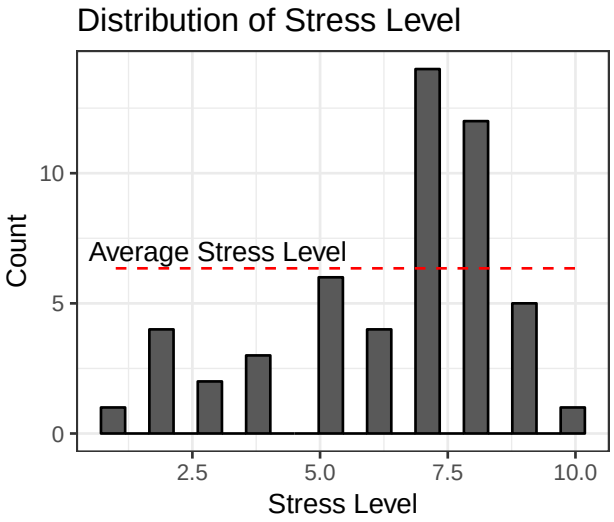
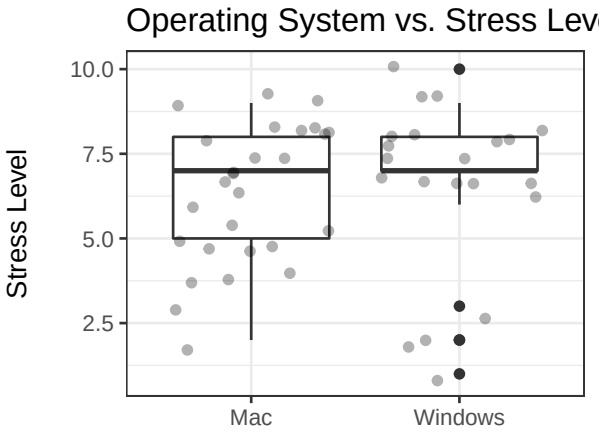
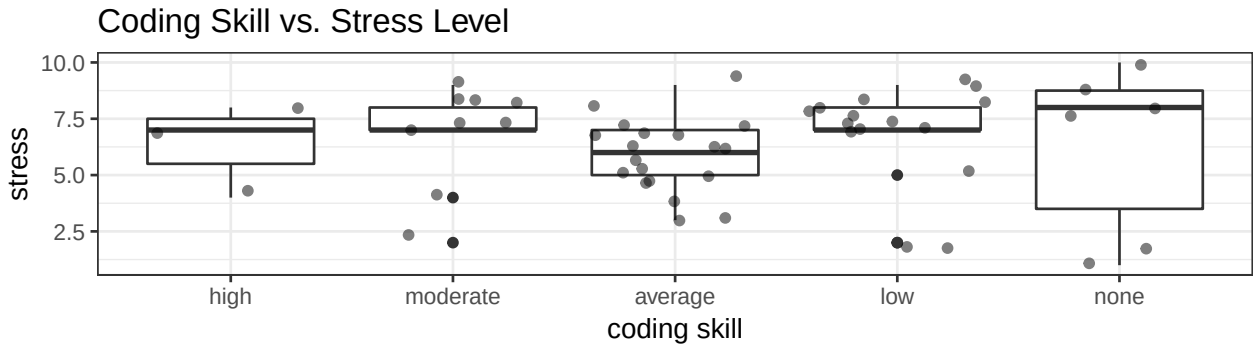
Exploratory Data Analysis

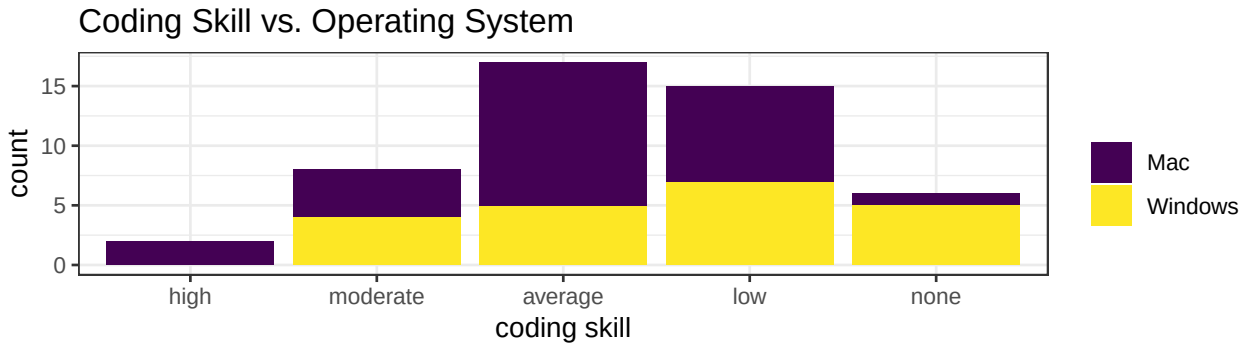
	stress	os	coding	background	work_year	gender	age
	Min. : 1.000	Length:52	Length:52	Length:52	Min. : 0.000	Length:52	Min. :2
	1st Qu.: 5.000	Class :character	Class :character	Class :character	1st Qu.: 1.225	Class :character	1st Qu.:
	Median : 7.000	Mode :character	Mode :character	Mode :character	Median : 3.000	Mode :character	Median
	Mean : 6.346	NA	NA	NA	Mean : 3.894	NA	Mean :2
	3rd Qu.: 8.000	NA	NA	NA	3rd Qu.: 5.000	NA	3rd Qu.
	Max. :10.000	NA	NA	NA	Max. :18.000	NA	Max. :4
	NA	NA	NA	NA	NA	NA	NA's :5



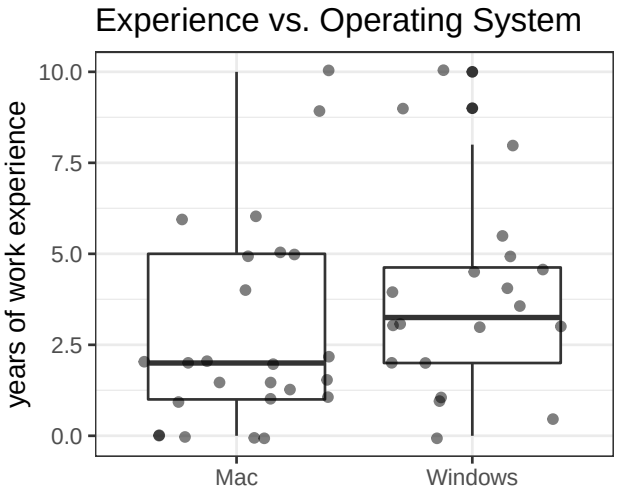


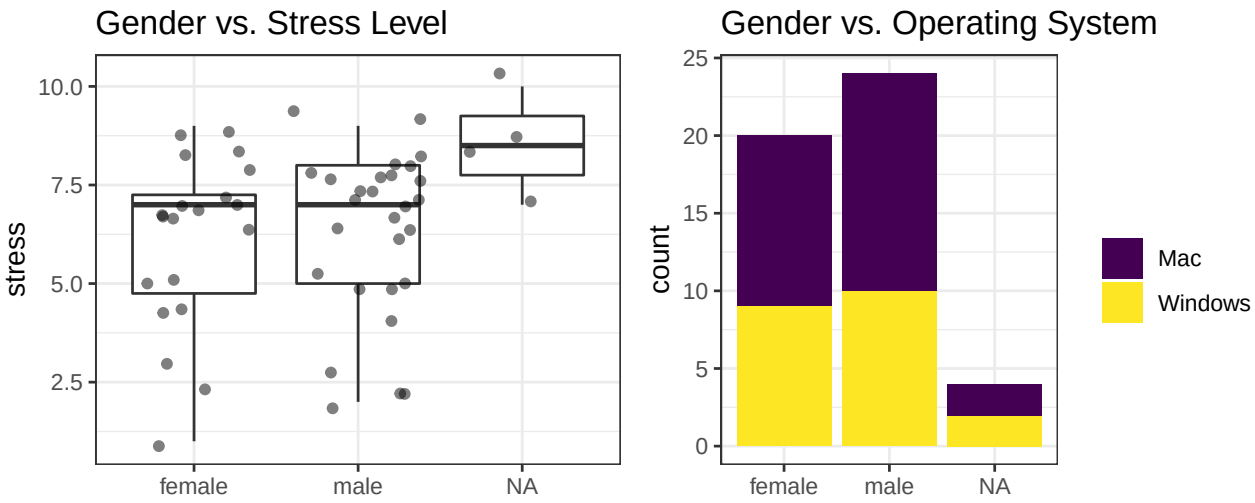
It's interesting to note that the median stress level is not really different between the two operating systems, but the distribution of stress actually is: Figure 1 shows that most Windows users are concentrated around higher stress levels, whereas a significant part of Mac users present mid-low levels of stress (< 7 in the 0-10 scale).


Coding Skill vs. Stress Level
stress
10.0
7.5
5.0
2.5
high
moderate
average
low
none
coding skill

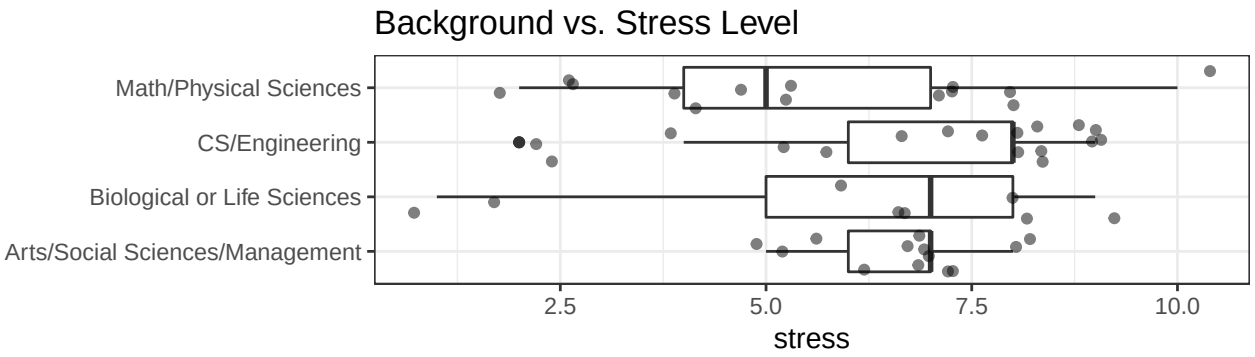

Coding Skill vs. Operating System
count
15
10
5
0
high
moderate
average
low
none
coding skill
Mac
Windows

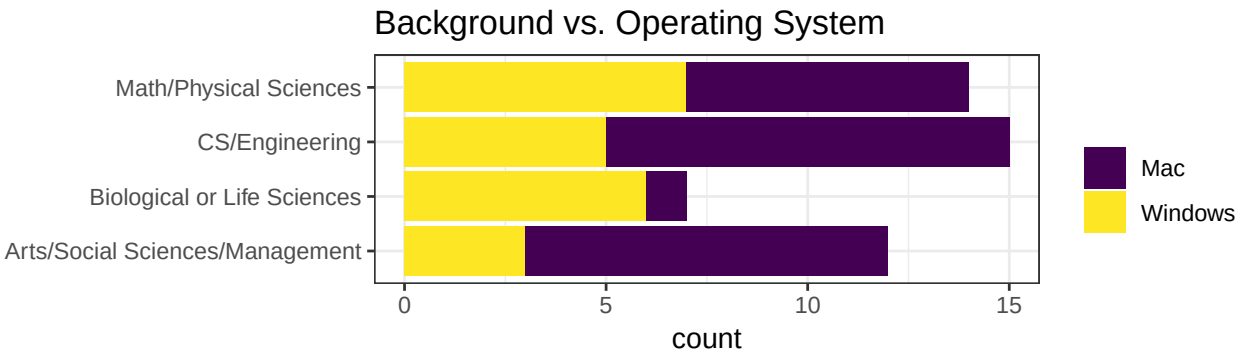
Experience vs. Stress Level
stress
10.0
7.5
5.0
2.5
0.0
2.5
5.0
7.5
10.0
years of work experience


Experience vs. Operating System
years of work experience
10.0
7.5
5.0
2.5
0.0
Mac
Windows


Gender vs. Stress Level
stress
10.0
7.5
5.0
2.5
female
male
NA

Gender vs. Operating System
count
25
20
15
10
5
0
female
male
NA
Mac
Windows


Background vs. Stress Level
Math/Physical Sciences
CS/Engineering
Biological or Life Sciences
Arts/Social Sciences/Management
2.5
5.0
7.5
10.0
stress


Background vs. Operating System
Math/Physical Sciences
CS/Engineering
Biological or Life Sciences
Arts/Social Sciences/Management
0
5
10
15
count
Mac
Windows