# **Data Visualisation**

# Introduction

Through the study of how different factors of our lives as students affect us and even work together and against us too I have come to find that the life before college was more stable and manageable in comparison .

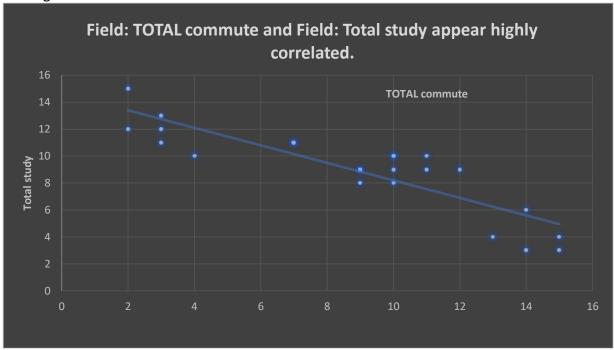
The expectations put on us to perform on our own with little to no guidance is staggering as many students struggle to find a healthy balance especially coming straight from secondary education .

I will go over some observations made by analgising the data sets given , which consists of students of MU and also a data set of my own information .

# How commute affects campus life

Many students in university have longer commutes compared to secondary school and as a result have less time to spend on campus . 10-15% of first years fail to properly interact with college life leading them to be at a higher risk for dropping out too . Interestingly enough many students opt to stay at home rather than commute hours for their lectures which also leads to them missing out on the full campus experience , the quantitative survey taken for this information has over 1300 participant's and around 25% of them choose to stay home in the UK .

In the student data given to review it is clear that commuting has a negative correlation on students study time which is quite a concern as studying in college is a lot more important than it was in secondary school due to needing to review your own resources alongside those given .



Not only do longer commutes affect students ability to revise it also affects their ability to participate in campus actives . This is something I have also recorded in my own data as I have found it difficult travelling 4 hours daily and keeping up with certain societies that are not commuter friendly and later in the day . The average time spent commuting a week for

the MU students is around 9 hours which is time taken from other activities just to reach or return from campus alone.

### Personal Time Spent

## Talk about class time correlation with exercise family going out

There are many negative effects and adjustments made by students first entering university and thus a new chapter of their lives. In the paper by Seda Sevinc and Cem Ali Gizir they share their study of these negative factors in college.

The shift from secondary school to college is quite the adjustment and thus many students need to develop the proper coping strategies and organisational skills to blend into their new reality. Many students feel overwhelmed and run into issues during their transition period leading to many dropping out as a result.

The average MU student in the given data set spent 12-13 hours in class and 16 hours at work but in comparison they only spent 6-7 hours with family and 2-3 hours shopping or 4-5 hours exercising .

The difference of how students spend so much of their time rotating around university and their jobs which may or may not be needed to put them through school is very evident when analysing the data given . Even when recording my own data I noticed that less time I spent in class the more time I had to take care of my personal hygiene and sleep for longer periods of time .

#### Conclusion

After analysing the data given alongside my own and articles that have been reviewed they all show responses that heavily point to the fact that many people transitioning into college find it overwhelming and time consuming. These results have shown that many students entering college struggle to find the proper balance to keep a healthy work life balance and as their workload increases they tend to neglect their life load.

These results while not as vast as other data sets represent a large part of the population of students around Ireland , as they sacrifice more and more for the sake of college and keeping up with lectures .

These results suggest that it would be I students best interest to learn to balance these things out to make college a more pleasant experience in general.

#### References

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Published: 26<sup>th</sup> September 2016 Volume 74, pages 543-558, Helen Pokorny, Debbie Holley and Suzanne Kane Factors Negatively Affecting University Adjustment from the Views of First-Year University Students: The Case of Mersin University

-Eric

https://eric.ed.gov/?id=EJ1045063

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Seda Sevinc and Cem Ali Gizir

Mersin University

# An analysis of the Life loads of the first year engineering Students

Euan Lindsay , Helen Rogers Curtin University of Technology