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INTRODUCTION

- Numerous factors affect GPA
- Amount of time students spend on school work versus outside commitments affects grades
- Other studies:
 - Focus on student-teacher communication, learning facilities, family stress, minority groups, etc.

OBJECTIVES

- Hypothesize that more time spent on outside commitments will negatively impact GPA
- Find the correlation between how long a student spends on school work and their GPA
- Find the correlation between how long a student spends on outside commitments and their GPA

METHODS

- Survey conducted of Choose Ohio First Cleveland State cohorts
- Survey Questions:
 - Gender
 - Age
 - Credit hours for Fall 2017
 - How satisfied were you with your GPA for the fall semester?
 - Hours spent per week on outside obligations
 - Hours spent studying per week
 - GPA for fall semester
- Graphs made on the frequency between outside commitments and hours spent studying in relation to GPA and frequency between hours spent studying and GPA satisfaction

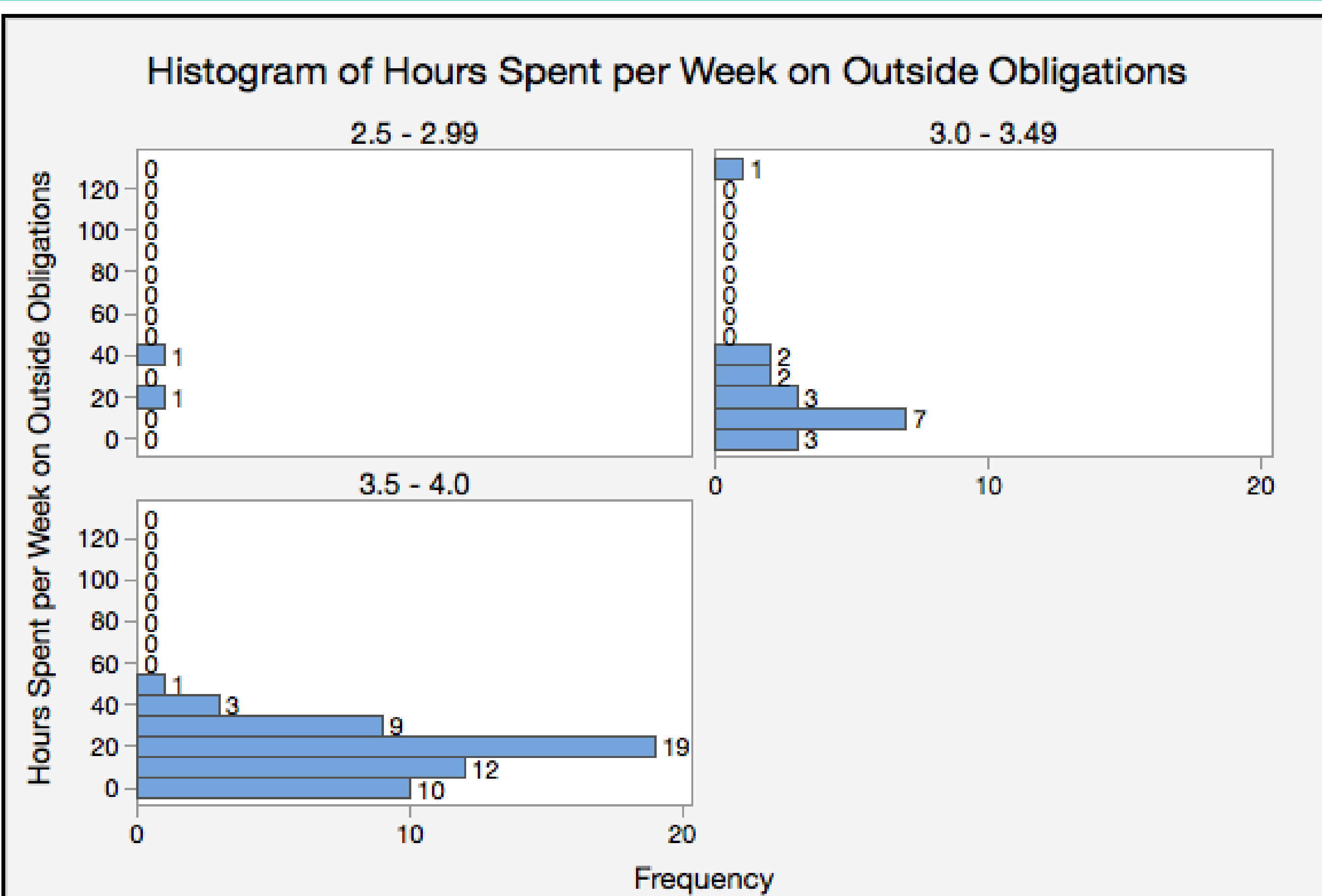


Figure 1. Histogram of Hours Spent per Week on Outside Obligations in relation to GPA.

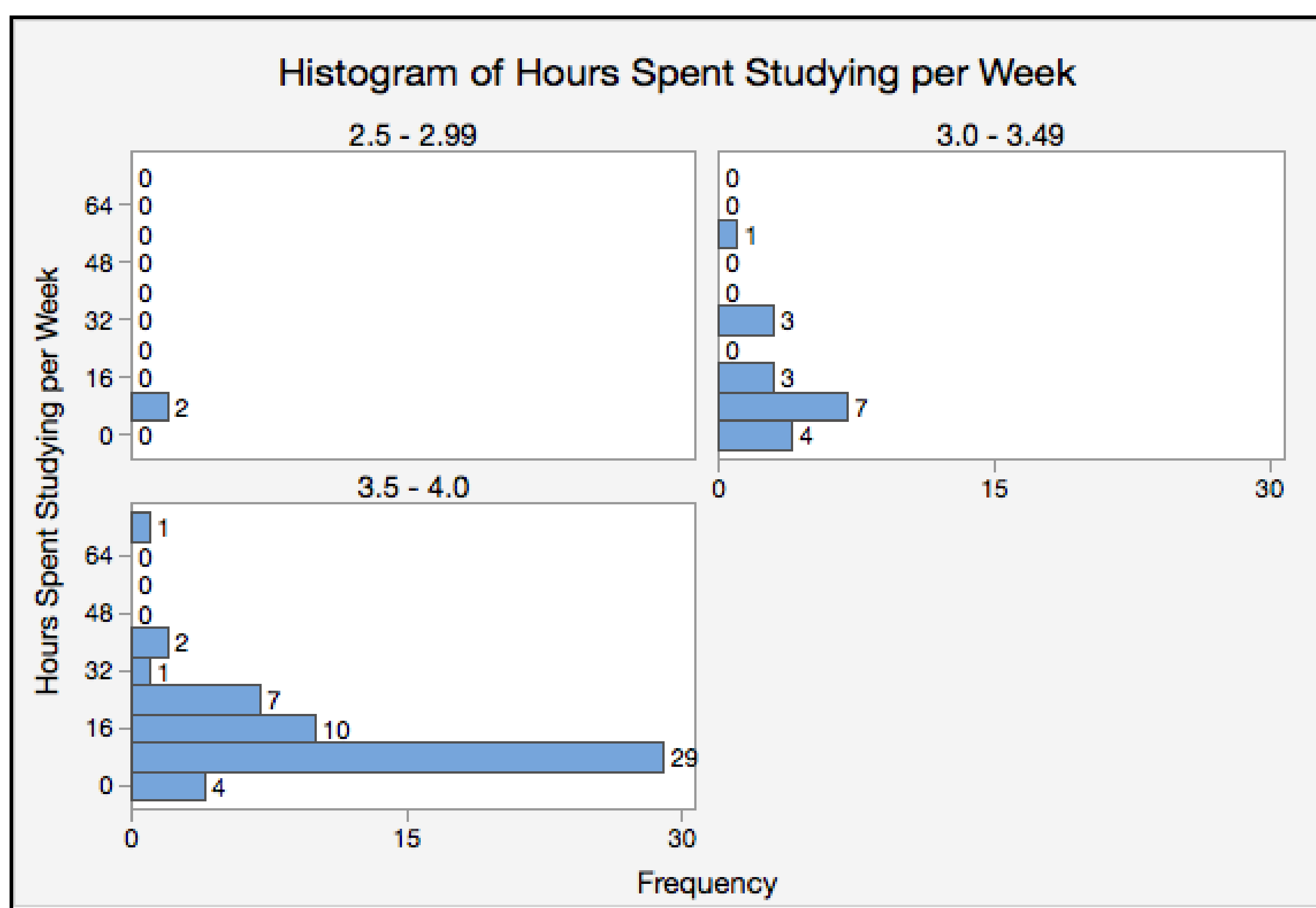


Figure 2. Histogram of Hours Spent Studying per Week in relation to GPA.

RESULTS & DISCUSSION

- Most participants satisfied or very satisfied with fall GPA
- Students who spent more time studying seem to have better GPAs
- Students satisfied with their GPAs tended to spend less than 30 hours on outside obligations
- Bias in reporting due to self reporting
- Choose Ohio First Scholars have certain requirements to maintain
 - Full-time student status, attend 5 cohort meetings per semester, group research poster, meet with advisor at least once a semester, maintain a GPA of at least 3.25, 4 year graduation plan

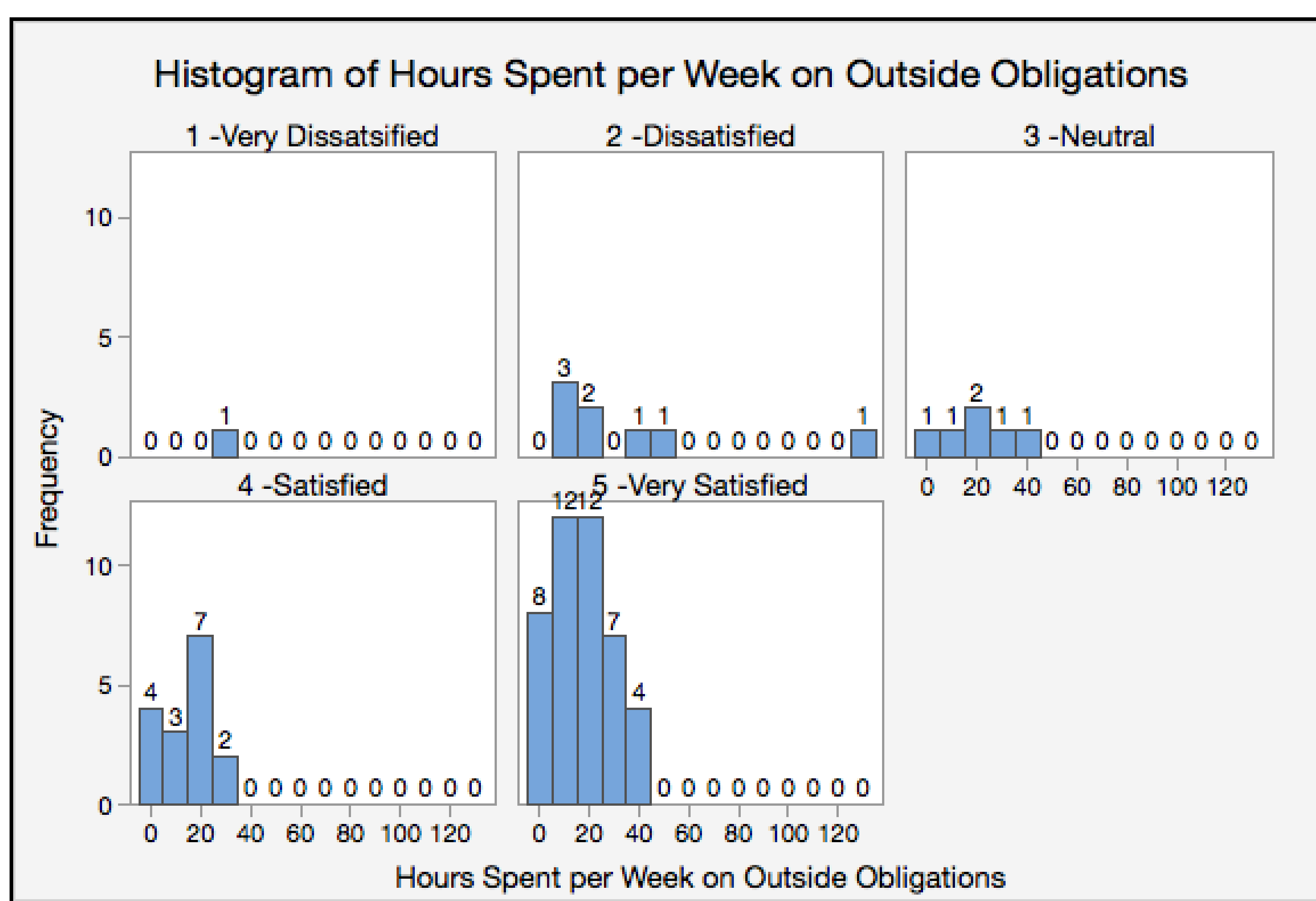


Figure 3. Histogram of Hours Spent per Week on Outside Obligations in relation to how satisfied participants were with their GPA.

CONCLUSIONS

- Students tend to do better GPA wise and satisfaction wise when there is a balance between outside obligation and studying
- Recommend students have about an equal balance of time between studying and outside obligations were the most satisfied
- The more time spent on outside obligations and less time spent on studying negatively impacts GPA

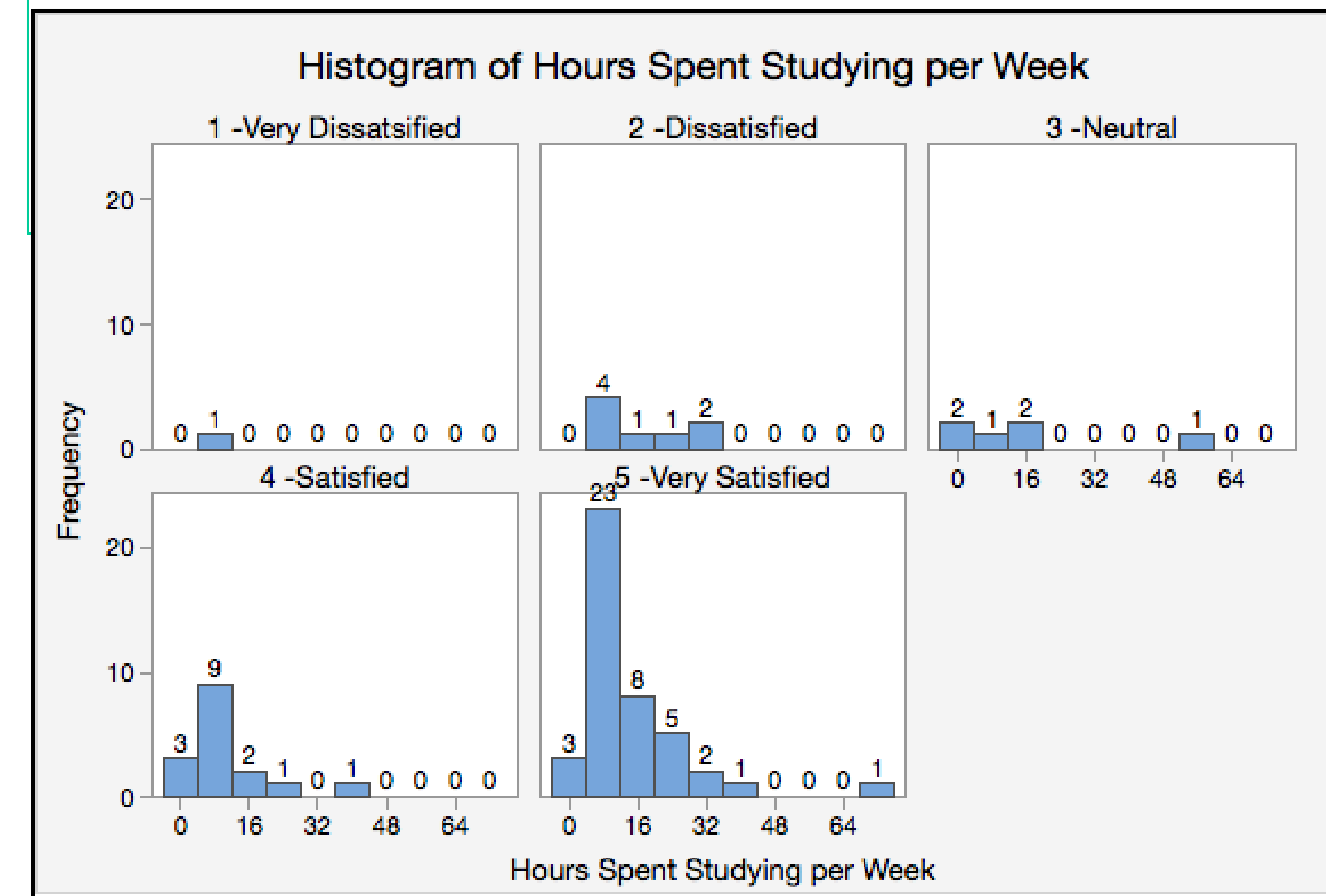


Figure 4. Histogram of Hours Spent Studying per Week in relation to how satisfied participants were with their GPA.

FUTURE WORK

- Survey a broader population
- What other factors affect school performance?
- What kinds of factors increase students' stress levels?
 - Does working a job more increase a student's stress and negatively affect their GPA?

References

- Mushtaq, Irfan, and Shabana Nawaz Khan. "Factors Affecting Students' Academic Performance." *Global Journal of Management and Business Research*, vol. 12, no. 9, June 2012.
- Nickerson, Grace Thomas, and William Allan Kritsonis. "An Analysis of the Factors That Impact Academic Achievement Among Asian American, African- American, and Hispanic Students." *National Journal for Publishing and Mentoring Doctoral Students Research*, vol. 3, no. 1, 2006.

Acknowledgments

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