

Majors and their Study Habits

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Major	Avg GPA	Avg Study Time	Study Time St. Dev.
Engineering	3.373	22.047 Hours	8.955
Liberal Arts/Business	3.494	13.316 Hours	6.832



$$H_0: \mu_1 - \mu_2 = 5$$



$$H_1: \mu_1 - \mu_2 > 5$$

Online survey said engineers study approximately 5 hours per week (on average) more than their business and social science counterparts.

Survey

- Major?
- GPA?
- Time spent studying per week? (including HW)

Hypothesis Test

- Calculated that $T_o > t_{\alpha, N}$ (using $\alpha = .05$) = 1.657
- Reject null hypothesis, accept my hypothesis

Conclusion

- Georgia Tech engineering students study even more than 5 hours more than their business/liberal arts counterparts
- GPA differences were not as significant as I expected