A professor in the College of Math and Science makes on average $15,611.94 less than a professor in the College of Business holding all else constant.

Predictions

When I and my group mates started this project, we thought that professor salaries would average $70,000. We also thought that all the following would be significant and positive influences on salary:
- being male
- a full time professor
- having a doctorate
- the college taught in

Results

However, the results from our regression analysis showed that the significant variables were:
- the college taught in
- the position that the professor holds
- the amount of months the professor is contracted for

Also, our regression analysis explained 75.5% of the variation in professor salaries.

Improvements

As we concluded this project, we saw multiple ways in which we could improve this regression analysis. This analysis could be useful to more people if we could include salaries from other universities. Also, it could have been more accurate if we took into account the number of class hours taught, articles written, and the effect of tenure on salaries.

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