

## **Lit Review Nursing Home Compare Propublica Dataset**

My overall goal is to look at the affect the nursing home has on the quality of nurses working at the nursing home. To do this I am going to aggregate the score for the nurses at a location and then pair it with the recorded quality of nursing home. When reviewing literature I found a number of different studies that looked into what made a nursing home great or better than another nursing home and an important aspect of this is the quality of nurses at the said nursing home. Some of these studies looked at things like staff turnover, and staff ratios. These things can definitely impact a nursing home's quality, however, I am hypothesizing that the nursing homes management, expectations of work for the nurses and quality and amount of resources are actually affecting the nurses desire to work in the nursing home, the nurses effort, and physical ability to do a good job. The beginning of my plan is outlined in the beginning with the data split. Given this is a logistic regression I am going to look at the average score of nurses at a facility and categorize it as either above average based on the average score of nurses from the data. I would like to do this on a national, regional and state level to compare how these relationships differ based on location.

### **Questions in question form**

How does the quality of the nursing home affect the quality/performance of nurses working at the nursing home on a national level?

How does the quality of the nursing home affect the quality/performance of nurses working at the nursing home on a regional level?

How does the quality of the nursing home affect the quality/performance of nurses working at the nursing home on a state level?

How does the effect of quality of nursing home on the quality/performance of nurses working at the nursing home change based on the scale of investigation and location.

## **Citations**

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