207 Xavier Hall Annex seating arrangement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tahani Al-Rajeh | Yit Mui Khoo | Nathan House | Laura Gardner | Diana Ramirez |
| Joe Fetter | X | Malcolm Townes | Darren O’Brien | X |
| James Tillis | X | Ashley | Destiny Brooks | Courtney |
| Renee Jonas | Saeed Asiri | X | X | X |

Recommend text: SPSS Survival Manual

Data for final project

* The data set for the project must include nominal, ordinal, and ratio variables and a minimum sample size of n=100.
* Clean the data before using it.

Article review assignment

* The article for the article review assignment must use regression analysis.
* Pair up for the article review assignment and presentation.
* Decide on pairs in the next couple of weeks.

Nominal and ordinal data are both referred to as categorical data.

Mean, median, and mode

* Three moments in statistics
* Measures of central tendency
* We’re not concerned with outliers in statistical analysis

Confidence interval is the level of confidence that the real mean falls between two points.

It’s a good practice to include descriptive statistics in data analysis.

This course is concerned with Type 1 errors; Type 2 errors concern Bayesian statistics.

Significance levels are 0.05 (\*), 0.01 (\*\*), and 0.001 (\*\*\*)

Degrees of freedom = sample size - number of variables

Chi-Square Test

* Useful for nominal variables
* Requires a minimum count of 5 for each variable

Standard coefficient is equivalent to the Pearson correlation only in simple regression