

Part 2 of Understanding Fire-Ant Distribution

Describing the Results

EVS 430 Advanced Quantitative Methods

Congratulations! Your initial work on sampling methods was so impressive that funding for the project was increased. You were able to add a second sample site and increase the number of observations per site to 33 in order to get better coverage of areas of interest that you identified in your initial sampling plan. At each of the observation points, the number of fire-ant mounds was collected and recorded. All data and site maps are in FireAntCounts.xlsx.

Now that your data is collected, you have to describe your data and answer the questions previously specified:

1. What patterns, if any do you notice, in your data? Represent this with tables of descriptive statistics and with graphs.
2. What is the total number of mounds at the sample site?
3. Are there differences in mound abundance between different land-use categories?

Submit a pdf file in IMRAD format. Make sure all figures are labelled.