Manuscript Title

Ryan E Lima

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Abstract

Abstract Text….

## 1 Introduction

Source: [Article Notebook](https://Ryan3Lima.github.io/ATUR-Lineaments/index.ipynb.html)

Studies thinning effects in Ponderosa Pine forests found ….. (Baker 1986)

Source: [Article Notebook](https://Ryan3Lima.github.io/ATUR-Lineaments/index.ipynb.html)

Data and methods are discussed in [Section 2](#sec-data-methods).

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Let denote the number of eruptions in a year. Then, can be modeled by a Poisson distribution

where is the rate of eruptions per year. Using [Equation 1](#eq-poisson), the probability of an eruption in the next years can be calculated.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table 1: Table Title   | Name | Year | | --- | --- | | a | 2021 | | b | 1971 | | c | 1949 | | d | 1712 | | e | 1677 | | f | 1646 | | g | 1585 | | h | 1492 | |

[Table 1](#tbl-1) Description of Table 1 or caption

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| Figure 1: Map of La Palma |

La Palma is one of the west most islands in the Volcanic Archipelago of the Canary Islands ([Figure 1](#fig-map)).

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## 2 Data & Methods

Source: [Article Notebook](https://Ryan3Lima.github.io/ATUR-Lineaments/index.ipynb.html)

## 3 Conclusion

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## References

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Baker, Malchus B. 1986. “Effects of Ponderosa Pine Treatments on Water Yield in Arizona.” *Water Resources Research* 22 (1): 67–73. <https://doi.org/10.1029/WR022i001p00067>.