

# A Simple Document

Your Name

## Abstract

This paper analyzes a seminal equation in population biology.

## 1 Introduction

Blah Blah

## 2 Materials & Methods

A foundational equation of population biology is:

$$\frac{dN}{dt} = rN \left(1 - \frac{N}{K}\right) \tag{1}$$

It was first proposed by Verhulst in 1838 [1].

## References

- [1] Pierre-François Verhulst. Notice sur la loi que la population suit dans son accroissement. *Corresp. Math. Phys.*, 10:113–126, 1838.