# A simple LATEX document

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#### Abstract

Here we type a compelling abstract of our paper.

### 1 Introduction

Every scientific publication needs an introduction.

#### 2 Materials & Methods

The Hardy-Weinberg equilibrium model constitutes the null model of population genetics. It characterizes the distributions of genotype frequencies in populations that are not evolving.

## 3 Referring to a Figure

Here is a sentence that references the figure below (Figure ??)



Figure 1: Here's a caption!