

## An open source scientific article

FIRST AUTHOR

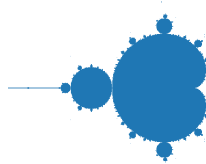
### ABSTRACT

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### 1. INTRODUCTION

Figure 1 was automatically generated using `showyourwork` with minimal instructions from the user. By labeling the figure with `\label{fig:mandelbrot}`, the user informs `showyourwork` that there exists a script in the `figures` directory called `mandelbrot.py` that generates the figure files included within that `figure` environment. This behavior can be changed or overridden by specifying custom rules in the `Snakefile`.



**Figure 1.** A sample plot generated from a Python script in the `figures` directory, showing the [Mandelbrot set](#). The name of the script is automatically inferred from the figure label in the TeX file.

