Demo Manubot Manuscript

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Abstract

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Introduction

Manubot is a tool for collaboratively authoring and editing scientific manuscripts on GitHub. It uses the simple formatting language called Markdown, in which, for example, **bold text** is indicated by double asterisks and *italic text* is indicated by single asterisks. You can add superscripts (x^2) and subscripts (H_2O), as well as ~~strikethrough text~~ and hyperlinks.

Authors and collaborators can contribute to a Manubot document either by editing the document on the GitHub web site or by cloning the repository to their own computer, editing the text, and submitting a 'pull request'. For instance, Casey Greene – whose lab first developed Manubot to manage a review of deep learning – added the following text via pull request:

"Let's add a citation by persistent identifier. This is my favorite feature of Manubot [1]. It will also give you a chance to review a pull request."

Here we'll add a second reference. [2]. Note that if you mouse over the inline references, you will see a tooltip that includes hyperlinked information about the reference, such as the PubMed ID. As this particular reference is actually cited twice in the article, you should see navigation arrows that allow you to jump to each location.

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Results

The Fibonacci sequence is a numeric sequence in which each number is the sum of the previous two numbers. Expressed mathematically (using LaTeX):

$$F_n = F_{n-1} + F_{n-2}$$

Manubot automatically numbers figures and tables, and allows authors to reference those objects using identifiers. For instance, the first 26 Fibonacci numbers are shown in Table 1 and Figure 1.

Table 1: The first 26 Fibonacci numbers

No.	Fib. No.	No.	Fib. No.
1	0	14	233
2	1	15	377
3	1	16	610
4	2	17	987
5	3	18	1597
6	5	19	2584
7	8	20	4181
8	13	21	6765
9	21	22	10946
10	34	23	17711
11	55	24	28657
12	89	25	46368
13	144	26	75025

Figure 1 – The first 26 Fibonacci numbers

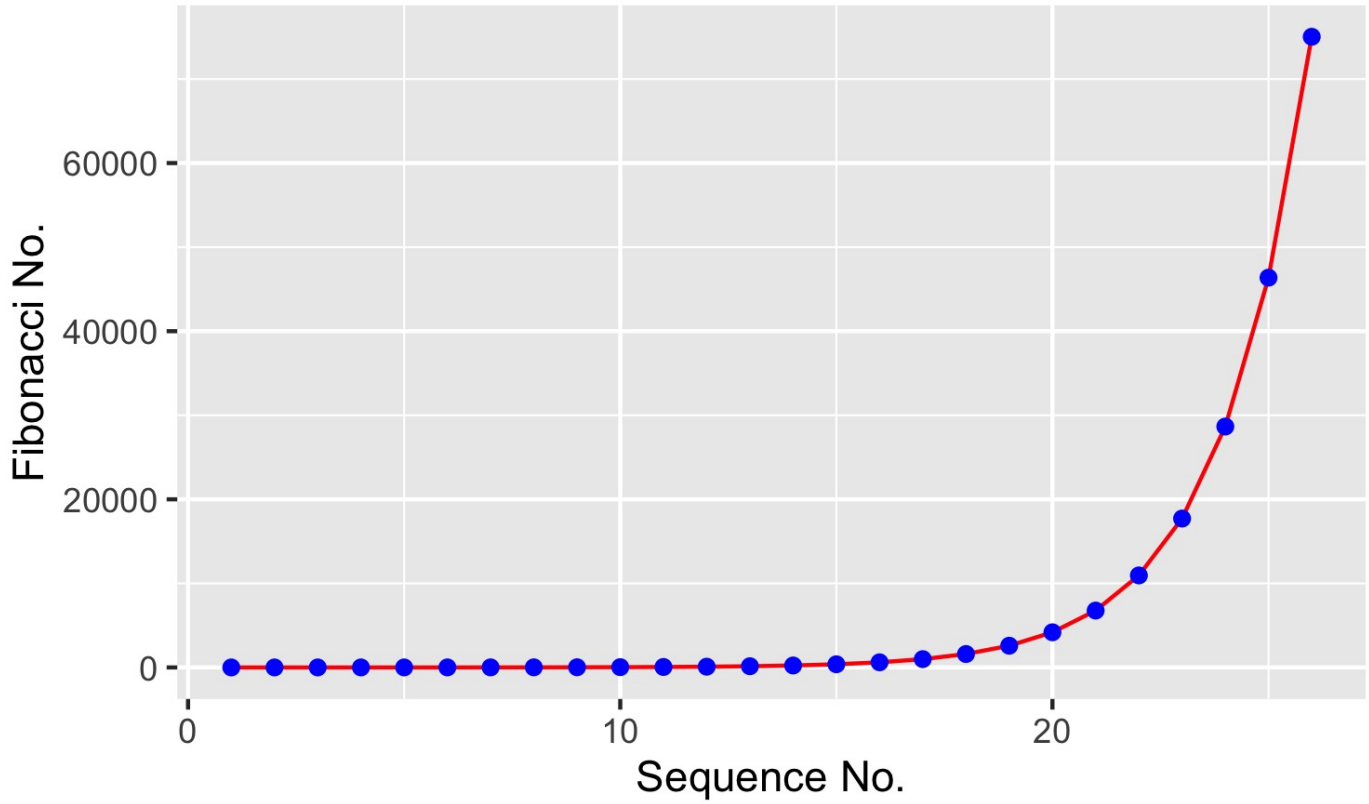

Figure 1: The first 25 Fibonacci numbers

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