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Manuscript Category

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| Python databases  Manuscript Title  Theodor Rumetshofer1,\*  1Department of Biology, Box 118, 22100 Lund, Sweden  \*To whom correspondence should be addressed.  Associate Editor: XXXXXXX  Received on XXXXX; revised on XXXXX; accepted on XXXXX  Abstract  **Motivation:** text  **Results:** text  **Availability:** This program is written in Python using Flask and it is available in GitHub (<https://github.com/TheoRum/BINP29_project_database>). This software is freely available only for non-commercial users.  **Contact:** theodor.rumetshofer@gmail.com  **Supplementary information:** Supplementary data are available at GitHub (<https://github.com/TheoRum/BINP29_project_database>) |

# Introduction

Describe briefly what you have done. Motivate why this is good or interesting. Compare your work with other peoples.

The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog. The quick brown fox jumps over the lazy dog.

# Methods

Describe what programming languages you used including version number. What data did you use? Where was it obtained or how was it generated? Give references. Include version number in parentheses.

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# Results/Features

MAYBE use ”FEATURES” instead of “RESULTS”: Describe what the application does. What input is needed? What output does the user get? Pros and cons of having a web application instead of a standalone program (if you did a web application).

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## Data Structure This is Heading 2 style this is heading 2 style

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## Unnumbered list style

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**Fig. 1. Relation between τ and *t*.** This example has only two continuous Steppers, S1 and S2.

# Discussion

Briefly describe what you have done and give your application's advantages. What do you foresee when it comes to the user base? What are the limitations and known bugs of the tool? What could be the future directions of developing this technology?

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**Table 1.**Benchmark results of the cascade oscillators model

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |S| | Predicted cost | Timing | Predicted speed | Speed |
| 1 | S219.20(100%) | 68m43s | 1.00 | 1.00 |
| 2 | 29.10+219.10(~50%) | 35m13s | 2.00 | 1.95 |
| 4 | 219.20(100%) | 68m43s | 1.00 | 1.00 |
| 10 | 29.10+219.10(~50%) | 35m13s | 2.00 | 1.95 |
| 20 | 219.20(100%) | 68m43s | 1.00 | 9.5 |

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Acknowledgements

We are grateful to the editor and two anonymous reviewers for their valuable comments on the manuscript and for Lund university for their financial support.

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*Conflict of Interest:* none declared.

References

Include 1-5 references.

software packages

Alexandrescu,A. (2001) Modern C++ Design: Generic Programming and Design Patterens Applied. Addision Wesley Professional, Boston.