

Title

by

FIRST LAST

Ph.D. candidate

A Dissertation Presented to the
FACULTY OF THE USC GRADUATE SCHOOL
UNIVERSITY OF SOUTHERN CALIFORNIA
In Partial Fulfillment of the
Requirements for the Degree
DOCTOR OF PHILOSOPHY
(Major)

August 2021

Dedication

Dedication

Acknowledgements

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

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Abstract

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Chapter 1

Introduction

1.1 Background

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1.2 Outline of the thesis

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Chapter 2

Study I with example figures, tables, and equations

2.1 Introduction

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Publication Details: Zhu, F., Emile-Geay, J., McKay, N. P., Hakim, G. J., Khider, D., Ault, T. R., Steig, E. J., Dee, S., & Kirchner, J. (2019). Climate models can correctly simulate the continuum of global-average temperature variability. *Proceedings of the National Academy of Sciences*, 201809959. <https://doi.org/10.1073/pnas.1809959116>

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2.2 Example figures

Figure 2.1 is borrowed from Zhu et al. (2019b).

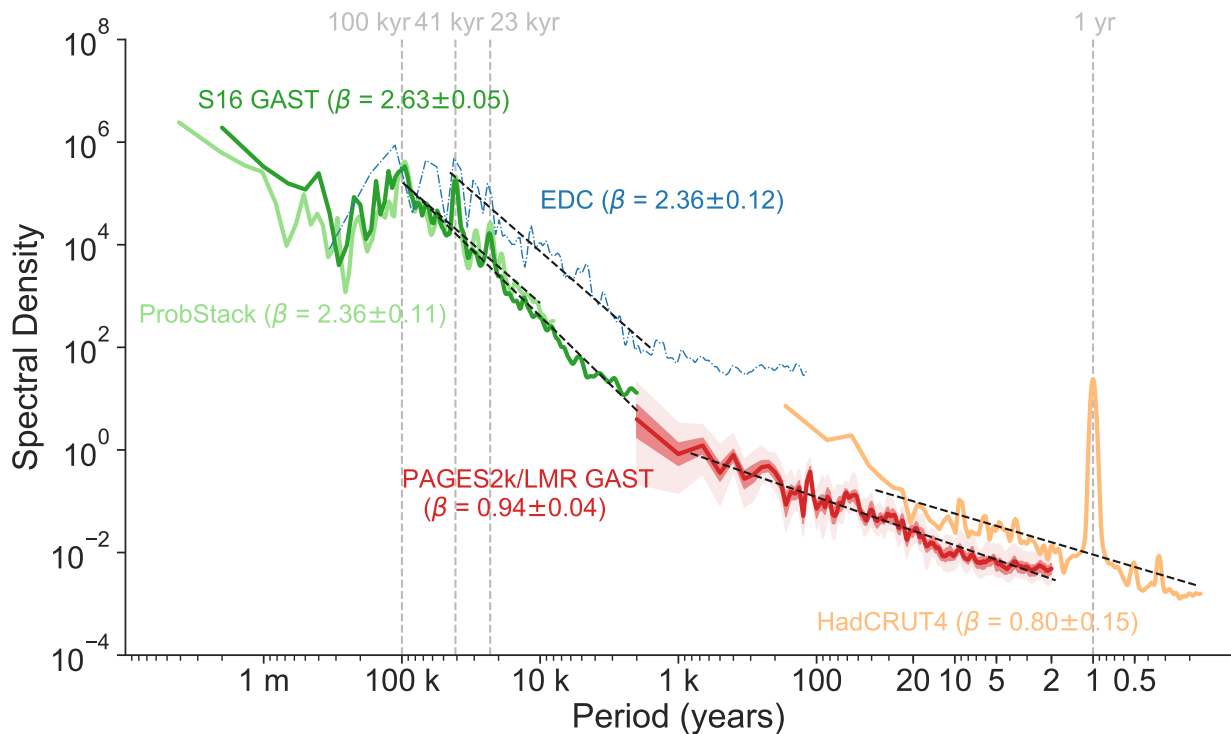


Figure 2.1: Figure borrowed from Zhu et al. (2019b).

2.3 Example tables

Table 2.1 is an example of a simple tabular.

Table 2.1: Caption text.

header-01	header-02	header-03	header-04
column-01	column-02	column-03	column-04

2.4 Example equations

Equation (2.1) shows a matrix.

$$S = \begin{bmatrix} \langle \Psi_0 | \Psi_0 \rangle & \langle \Psi_0 | \Psi_1 \rangle & \langle \Psi_0 | \Psi_2 \rangle \\ \langle \Psi_1 | \Psi_0 \rangle & \langle \Psi_1 | \Psi_1 \rangle & \langle \Psi_1 | \Psi_2 \rangle \\ \langle \Psi_2 | \Psi_0 \rangle & \langle \Psi_2 | \Psi_1 \rangle & \langle \Psi_2 | \Psi_2 \rangle \end{bmatrix} \quad (2.1)$$

2.5 Conclusion

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

Chapter 3

Study II with example Python code and citations

3.1 Introduction

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

3.2 Example Python code

Below shows an example of Python code block using Pyleoclim (Khider et al., 2018):

```
1 import pyleoclim as pyleo
2
3 url = 'http://wiki.linked.earth/wiki/index.php/Special:WTLiPD?op=export&lipdid=MD982176.Stott
      .2004'
4 data = pyleo.Lipd(usr_path=url)
5 ts_list = data.to_tso()
6 ts_sst = pyleo.LipdSeries(ts_list)
7
8 # OUTPUT BELOW
9 # extracting paleoData...
10 # extracting: MD982176.Stott.2004
11 # Created time series: 6 entries
12 # 0 : MD982176.Stott.2004 : marine sediment : depth
13 # 1 : MD982176.Stott.2004 : marine sediment : yrbp
14 # 2 : MD982176.Stott.2004 : marine sediment : d18og.rub
15 # 3 : MD982176.Stott.2004 : marine sediment : d18ow-s
16 # 4 : MD982176.Stott.2004 : marine sediment : mg/ca-g.rub
17 # 5 : MD982176.Stott.2004 : marine sediment : sst
18 #
19 # Enter the number of the variable you wish to use: 5
```

3.3 Example citations

Please check the “references.bib” file to see the details of the different types of citations.

3.3.1 Journal article

Example journal article Zhu et al. ([2020](#)).

3.3.2 Book chapter

Example book chapter Emile-Geay et al. ([2020](#)).

3.3.3 Software

Example software Zhu et al. ([2019a](#)).

3.4 Conclusion

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Chapter 4

Conclusion

4.1 Summary

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4.2 Caveats and future work

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4.3 Outlook

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