

Adaptation of Palmer amaranth to the upper Midwest United States

Maxwel Coura Oliveira¹, Amit J Jhala², Mark Bernards³, Strahinja Stephanovic⁴, Chris Proctor², Rodrigo Werle^{1*}

¹ Department of Agronomy, University of Wisconsin-Madison, Madison, Wisconsin, United States of America

² Department of Agronomy and Horticulture, University of Nebraska-Lincoln, Lincoln, Nebraska, United States of America

³ Department X, Western Illinois University, Macomb, Illinois, United States of America

⁴ Department of Agronomy and Horticulture, University of Nebraska-Lincoln, Grant, Nebraska, United States of America

Correspondence*:
Rodrigo Werle
rwerle@wisc.edu

2 ABSTRACT

3 Abstract length and content varies depending on article type. Refer to <http://www.frontiersin.org/about/AuthorGuidelines> for abstract requirement and length
4 according to article type.

5
6 **Keywords:** Text Text Text Text Text Text Text Text

INTRODUCTION

7 Cite fancy references (LastName1 et al., 2013). As demonstrated in OtherAuthor and Coauthor (2012),
8 citations can also be automatically reference. Multiple references are separated by semicolons (LastName1
9 et al., 2013; Author4 and Author5, 2013).

RESULTS

10 Subsection 1

11 You can use R chunks directly to plot graphs.

```
x <- 0:100  
set.seed(999)  
y <- 2 * (x + rnorm(length(x), sd = 3) + 3)  
plot(x, y)
```

12 Subsection 2

13 Frontiers requires figures to be submitted individually, in the same order as they are referred to in the
14 manuscript. Figures will then be automatically embedded at the bottom of the submitted manuscript. Kindly
15 ensure that each table and figure is mentioned in the text and in numerical order. Permission must be

16 obtained for use of copyrighted material from other sources (including the web). Please note that it is
17 compulsory to follow figure instructions. Figures which are not according to the guidelines will cause
18 substantial delay during the production process.

1 DISCUSSION

DISCLOSURE/CONFLICT-OF-INTEREST STATEMENT

19 The authors declare that the research was conducted in the absence of any commercial or financial
20 relationships that could be construed as a potential conflict of interest.

AUTHOR CONTRIBUTIONS

21 The statement about the authors and contributors can be up to several sentences long, describing the tasks
22 of individual authors referred to by their initials and should be included at the end of the manuscript before
23 the References section.

ACKNOWLEDGMENTS

24 Funding:

2 SUPPLEMENTAL DATA

25 Supplementary Material should be uploaded separately on submission, if there are Supplementary Figures,
26 please include the caption in the same file as the figure. LaTeX Supplementary Material templates can be
27 found in the Frontiers LaTeX folder

3 REFERENCES

28 A reference list should be automatically created here. However it won't. Pandoc will place the list of
29 references at the end of the document instead. There are no convenient solution for now to force Pandoc to
30 do otherwise. The easiest way to get around this problem is to edit the LaTeX file created by Pandoc before
31 compiling it again using the traditional LaTeX commands.

FIGURES

32 Author4, N., and Author5, N. (2013). Title of the article. *Frontiers in Neurorobotics* 7.
33 doi:10.3389/fnbot.2013.56789.

34 LastName1, A., LastName2, A., and LastName2, A. (2013). Article title. *Frontiers in Neuroscience* 30,
35 10127–10134. doi:10.3389/fnins.2013.12345.

36 OtherAuthor, N., and Coauthor, N. S. (2012). Article title. *Frontiers in Genetics* 30, 16417–16418.
37 doi:10.3389/fgene.2012.54321.

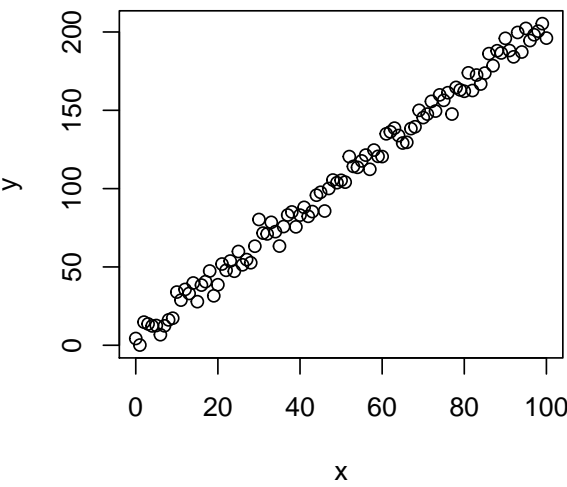


Figure 1. Figure caption