Lorem ipsum dolor sit amet, consectetur adipiscing elit

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Abstract

Sed non est ac erat varius mattis vestibulum tristique massa. Fusce leo elit, volutpat non massa nec, semper iaculis enim. Praesent commodo ante nec arcu dapibus dapibus commodo sit amet tellus. Donec auctor a ante non semper. Interdum et malesuada fames ac ante ipsum primis in faucibus. Nunc cursus dolor vitae massa fringilla semper. Ut nisl purus, porta id pretium tempus, porttitor sit amet felis. Maecenas nec leo faucibus, accumsan leo quis, rhoncus ante. Morbi a libero mollis, pellentesque tellus vel, consequat justo. Interdum et malesuada fames ac ante ipsum primis in faucibus..

Keywords

magna condimentum; vel ligula; elementum

I INTRODUCTION

Sed eu tempor ipsum, vel cursus arcu. Maecenas non dignissim nunc, ac ornare tortor. Aenean pretium arcu metus, id pulvinar enim tempus nec. Mauris faucibus mollis sodales. Sed porttitor sed metus vitae vestibulum. Quisque a vehicula nunc. Aenean fringilla condimentum diam, ac gravida quam. Integer ultrices feugiat enim nec tempus. Vestibulum ornare in magna ultrices dapibus. Nulla facilisi.

II TITLE

2.1 Subtitle

Pellentesque dignissim ultrices fringilla. Vivamus eu luctus ante, vel bibendum magna. Curabitur elit purus, tincidunt non dui vitae, elementum bibendum neque. Curabitur ullamcorper sit amet justo at hendrerit. Fusce ut arcu imperdiet nibh mollis tempus a aliquet tellus. Quisque pharetra cursus nisi, vel lobortis ante consectetur et. Vivamus sed congue neque. Proin pellentesque risus nec dui consequat rutrum. Vestibulum nunc diam, placerat quis auctor vel, faucibus non justo. Etiam dictum purus neque. Phasellus imperdiet mauris ligula, eu laoreet nisi elementum ut. Sed sed porta massa. Aenean faucibus risus ultrices ornare porta. Quisque faucibus ante a tincidunt vestibulum. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

2.1.1 Sub-subtitle

Suspendisse vel dui nec felis molestie tincidunt. Vestibulum rutrum ligula lacus, ac molestie nulla fermentum ornare. Nulla non nunc euismod, porta lacus vestibulum, malesuada massa. Curabitur massa eros, rutrum sed lectus sed, volutpat semper metus. Mauris hendrerit aliquam commodo. Vivamus fermentum tempus pellentesque. Maecenas a hendrerit urna. In elit ipsum, ultrices non dolor in, pulvinar porttitor lacus. Nunc euismod nibh quis odio condimentum, a feugiat massa rutrum. Nulla erat erat, adipiscing vitae lectus id, consectetur fermentum elit. Nunc eu est eu neque dapibus semper. Nam commodo urna dapibus, tincidunt turpis a, cursus sem. Vivamus venenatis adipiscing mollis. Cras fringilla sodales lobortis. Aliquam aliquet felis id est cursus auctor. Duis sodales tellus vulputate lectus egestas volutpat.

III TABLES AND FIGURES

3.1 Table

see Table 1.

	Sepal.Length	Sepal.Width	Petal.Length	Petal.Width
Setosa	5.006	3.428	1.462	0.246
Versicolor	5.936	2.77	4.26	1.326
Verginica	6.588	2.974	5.552	2.026

Table 1: Morbi malesuada diam at magna condimentum.

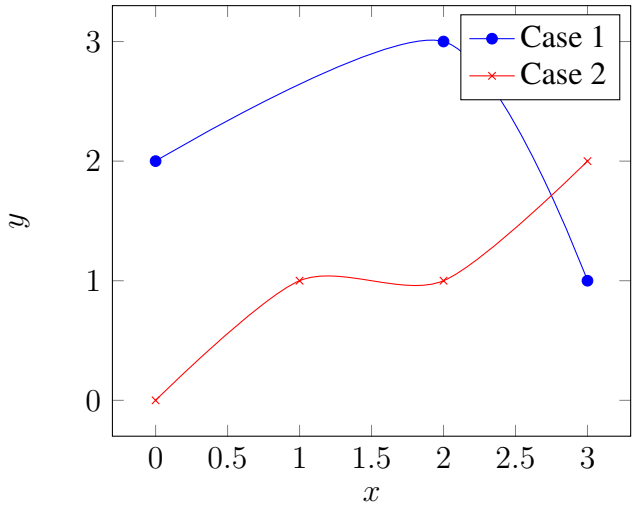

Figure 1: Figure by Christian Feuersänger; Source: Pgfplots manual

3.2 Figure

Use subfigures to group similar images into one figure. Make pictures with a good resolution, as possible closed to 300 dpi or use vector graphics as for example provided by the TikZ package. Ensure that all legends are readable and in English. See example in Figure 1 (taken from http://www.texample.net/tikz/examples/pgfplots/).

IV DEFINITIONS, ALGORITHMS, AND FORMULAS

4.1 Definitions

You can define your own environments for formulas with the methods of the `amsthm` package. Use the theoremstyle `jdmdh` for a consistent formatting.

Definition 1: alpha
Curabitur ullamcorper sit amet justo at hendrerit.

Hence we set the following definition:

Definition 2:
Etiam sed nulla viverra, ultrices ligula ac, consectetur libero.

If you used a list, you need to write a bullet list:

- Nunc id justo scelerisque.
- metus id enim iaculis tristique.

4.2 Formulas

Example of formula:

$$Y = M.^{t}M - \beta.\langle M \rangle_{l} \tag{1}$$

where $\langle M \rangle_l$ is a mean vector of a line from M. β plays as a regulation factor to regulate the rate of nearest neighbours, in fact the number of nearest neighbours is not defined explicitly.

Another example of a formula:

$$K * N_c = Cst \pm 0.001\% \tag{2}$$

4.3 Algorithms

This is a short algorithm:

```
quicksort(A, i, k):
  if i < k:
    p := partition(A, i, k)
    quicksort(A, i, p - 1)
    quicksort(A, p + 1, k)
```

For longer algorithms, use a float environment as shown in Listing IV.1. For configurations to specific languages, see the reference manual of the `listings` package.

Listing IV.1 Partition function of quicksort algorithm.

```
1   partition(array, left, right)
2     pivotIndex := choose-pivot(array, left, right)
3     pivotValue := array[pivotIndex]
4     swap array[pivotIndex] and array[right]
5     storeIndex := left
6     for i from left to right - 1
7       if array[i] < pivotValue
8         swap array[i] and array[storeIndex]
9         storeIndex := storeIndex + 1
10    swap array[storeIndex] and array[right]   // Move pivot to its final place
11    return storeIndex
```

V REFERENCES AND CITATIONS

From Sinclair [1991] we pick up a general definition ...
Ounis et al. [2000] explain that ...
Wood and Napel [1992] recommend ...

5.1 Discussion

Nam id eros massa. Fusce luctus purus a augue ullamcorper, sit amet vehicula mauris tristique. Suspendisse eget pulvinar odio, nec bibendum turpis. Nullam quis lectus porttitor, ullamcorper nisi et, condimentum leo. Quisque sed orci fermentum, rutrum velit eget, ultricies augue. Nunc porttitor consectetur tincidunt. Nulla tincidunt justo enim, vitae dignissim erat mattis ut. Nulla.

5.2 Conclusion

Maecenas egestas metus id enim iaculis tristique. Etiam sed nulla viverra, ultrices ligula ac, consectetur libero. Nullam vitae massa ac odio pharetra condimentum. Maecenas in elementum libero, non gravida quam. Praesent adipiscing consectetur consectetur. Vivamus at orci sed augue varius hendrerit. Donec neque metus, dignissim nec erat at, ultricies consequat libero. Donec eget eleifend leo. Aliquam at nunc porta, mollis sapien eu, eleifend tortor. Nam egestas, metus ac pellentesque feugiat, lectus purus ornare est, vitae cursus felis turpis sit amet lacus. Donec consequat massa mi, ac suscipit arcu posuere et. Vivamus et semper risus. Sed ut arcu quam.

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A ANNEX 1

Pellentesque dignissim ultrices fringilla. Vivamus eu luctus ante, vel bibendum magna. Curabitur elit purus, tincidunt non dui vitae, elementum bibendum neque. Curabitur ullamcorper sit amet justo at hendrerit. Fusce ut arcu imperdiet nibh mollis tempus a aliquet tellus. Quisque pharetra cursus nisi, vel lobortis ante consectetur et. Vivamus sed congue neque. Proin pellentesque risus nec dui consequat rutrum. Vestibulum nunc diam, placerat quis auctor vel, faucibus non justo. Etiam dictum purus neque. Phasellus imperdiet mauris ligula, eu laoreet nisi elementum ut. Sed sed porta massa. Aenean faucibus risus ultrices ornare porta. Quisque faucibus ante a tincidunt vestibulum. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

B ANNEX 2

Cras tristique vel nisi at aliquet. Proin egestas erat sit amet velit lobortis imperdiet. Integer et arcu sapien. Etiam id blandit sapien. Nam tempus lacus ac massa semper, vel laoreet turpis rutrum. Mauris eget nibh vitae justo porta imperdiet sed vel ligula. In imperdiet, augue vel condimentum convallis, neque augue imperdiet neque, eget dapibus nunc mauris ultricies tortor. Nam eget nunc egestas, blandit lectus non, aliquam nunc. Cras sed quam vitae arcu ornare lobortis. Ut ut lacus hendrerit, convallis orci sit amet, commodo nunc. Pellentesque eget tincidunt tortor. Nunc ornare molestie mauris id vehicula. Suspendisse pharetra tortor metus, sit amet fermentum tellus vehicula ut.