ABSTRACT

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.

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.

CONTENTS

List of Figures

List of Tables

ABBREVIATIONS

TMH Transmembrane helix, page 3

Chapter 1

Samples

Potentially something introductory here

1.1 This is a section

1.1.1 And this is a subsection

We should probably not go deeper than this.

1.1.2 Floats

A general note on captions: Every caption should have a basic descriptive introduction sentence. Following upon this are at least three more sentences describing the float. These should enable the reader to understand the float without having to read the text where the float is referred to. Captions are what people are most likely to read, so make those count. Captions do not contain (large amounts of) analysis, this belongs in the result section. Methodology only as much as needed, not too much. Captions have enough information to understand what is shown without having to refer to the text.

A sample Figure can be seen in Figure 1.1 on the following page. Some results are shown in Figure 1.1 on the next page. One could also say there are some results (Figure 1.1 on the following page). Actively, as in Figure 1.1 on the next page shows that this is possible and so on, is possible as well, however do not make the Figure the subject of the text, write some statement and then refer to the Figure in the end. Also do not overuse varioref as I am here.

Figure 1.1. A simple face made up of hiragana. Henohenomoheji or hehenonomoheji is a face drawn by Japanese schoolchildren using hiragana characters. It consists of seven hiragana. This caption should always contain at least three sentences.

Table 1.1. This is a sample table. Sentence 1,2,3.

Column 1	Column 2	All math	this autolinebreaked
Data 2	Data 3	42^2	This is a longish text to show that this will automatically break the line as needed. However, using tabularx with textwidth also means, that we will always extend the full page which might not always look very nice...
a	b	120	We can also use notes[1], crazy huh[2] yay[3]

[1] This is a footnote. When all long `beginthreeparttable[normal]`

[2] consider putting all of them below eachother using

[3] but this is probably nicer for many smaller ones

A sample Table is shown in Table 1.1.

There is some python magic in Code 1.

```
#!/usr/bin/env python
import antigravity
print https://xkcd.com/353/
```

Code 1. This is a sample listing. Sentence 1,2,3

Some random math in Equation (1.1).

$$HVAL(L;pid) = pid - \begin{cases} 100 & \text{for } L \leq 11 \\ 480 \cdot L^{-0.32(1+\exp(-L/1000))} & \text{for } 11 < L \leq 450 \\ 19.5 & \text{for } L > 450 \end{cases} \tag{1.1}$$

1.1.3 Referencing stuff

A single citation looks like this (Käll *et al.*, 2005). Here are several citations at once (Hofacker *et al.*, 1994; Käll *et al.*, 2005). We can also reference a website (CodonW, 2014). See here for a full list of supported citation commands by natbib.

IDs in databases are less ambiguous in a sans-serif font, better use custom command dbid so it looks like this: a037o not a037O.

There are also automatically inserted abbreviations, they are used by simply using the word such as TMH with that command. Now, if we later want to reference to this again, we could use TMH as such, but we should not overuse that, if at all. Something like once per section/chapter should be fine, in case someone crossreads the thing. Make sure though that the abbreviation is introduced in the text, before being used, and that the link goes to that first introduction.

REFERENCES

CodonW (2014). codonw.sourceforge.net/. Accessed 2014/2/26. 3

Hofacker, I., Fontana, W., Stadler, P., Bonhoeffer, L., Tacker, M., and Schuster, P. (1994). Fast folding and comparison of RNA secondary structures. *Monatshefte für Chemie*. 3

Käll, L., Krogh, A., and Sonnhammer, E. (2005). An HMM posterior decoder for sequence feature prediction that includes homology information. *Bioinformatics*, **21**(suppl 1), i251. 3