

Example for footnoterange

This example demonstrates the use of package `footnoterange`, v1.1a as of 2023-02-25, references to ranges of footnotes (HMM). The package does not use options. `footnoterange-example.pdf` can be created by `pdflatex footnoterange-example.tex`, and `footnoterange-example.tex` can be created by `tex footnoterange.dtx`. `footnoterange.dtx` is at <https://ctan.org/pkg/footnoterange>.

For more details please see the documentation!

This¹ text bears a multiplicity of footnotes. Because the `hyperref` package is used with option `hyperfootnotes=true`, the footnotes²⁻⁹ are hyperlinked.¹⁰ Using `hyperfootnotes=false` or not using `hyperref` will remove the hyperlinks to the footnotes.

This text also bears a multiplicity of footnotes, but due to the use of the starred¹¹⁻¹⁸ form of the environment they are not hyperlinked.¹⁹

The use of the optional parameter for footnotes¹⁰¹⁻¹⁰⁵ is also possible, but should be used consistently.

¹ Lorem

² ipsum

³ dolor

⁴ sit

⁵ amet,

⁶ consectetur

⁷ adipiscing

⁸ elit,

⁹ sed

¹⁰ do eiusmod tempor incididunt ut labore et dolore magna aliqua.

¹¹ Ut enim

¹² ad minim veniam,

¹³ quis

¹⁴ nostrud

¹⁵ exercitation

¹⁶ ullamco

¹⁷ laboris

¹⁸ nisi

¹⁹ ut aliquip ex ea commodo consequat.

¹⁰¹ Duis

¹⁰² aute

¹⁰³ irure

¹⁰⁴ dolor

¹⁰⁵ in reprehenderit

When there is only one footnote²⁵ in the `footnoterange` environment, only one footnotemark is used and an info is written into the `log`-file.

The usage of other footnote-number-representations (e. g. `\RomanXXVI-XXX`, `\romanxxxI-xxxv`, `\AlphAJ-AN`, `\alphao-as`, `\fnsymbol*****-¶¶¶¶¶¶¶¶`) is also possible, but two things must be taken into account:

1. By default the number of footnote references is restricted (for example with `\Alph` only references A to Z are possible), which needs to be fixed. In this example the `alpha` package is used for this purpose.
2. References to footnote-symbol-ranges (`\fnsymbol`) might not be very clear. For example, if the symbols `*†‡§¶**††` are used, `†-††` means second to seventh footnote.

But if `*†‡§¶¶**††` are used, `†-††` means second to eighth footnote.

And if `*†‡**††‡‡` are used, `†-††` means second to fifth footnote.

²⁵ a single footnote
 XXVI Nam arcu libero,
 XXVII nonummy eget,
 XXVIII consetetuer id,
 XXIX vulputate a,
 XXX magna.
 xxxi in voluptate
 xxxii velit
 xxxiii esse
 xxxiv cillum
 xxxv dolore
 AJ eu fugiat
 AK nulla
 AL pariatur.
 AM Excepteur
 AN sint
 ao occaecat
 ap cupidatat
 aq non proident,
 ar sunt
 as in culpa
 ***** qui officia
 †††††††† deserunt
 †††††††† mollit
 §§§§§§§§ anim
 ¶¶¶¶¶¶¶¶ id est laborum.

The Lorem ipsum text for the footnotes was taken from <https://www.lipsum.com/>, where as original source sections 1.10.32 and 1.10.33 of “de Finibus Bonorum et Malorum” by Cicero, written in 45 BCE, is given.