

# Latex, YAML, RMarkdown

Options, packages and examples for PDF print

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## Wiki

### packages

#### R - rticles

Templates und Vorlagen wissenschaftlicher Journals

rticles

#### R - ymlthis

package zur vereinfachten Verwendung von YAML in RMarkdown und bookdown

Einführung

Refrence Manual

YAML Field Guide

yml\_latex.R

yml\_latex\_opts - Set LaTeX YAML options for PDF output

yml\_resource\_files - Add external resource files to R Markdown document

yml\_output - Capture, validate, and write output YAML

#### R - bookdown

Authoring Books and Technical Documents with R Markdown

Single Page Documents <https://bookdown.org/yihui/bookdown/a-single-document.html>

customization <https://bookdown.org/yihui/bookdown/customization.html>

#### Latex processors

[Latex engines](<https://tex.stackexchange.com/questions/36/differences-between-luatex-context-and-xetex>)

#### Latex - Multicol

<https://www.ctan.org/pkg/multicol>

<https://tex.stackexchange.com/questions/8683/how-do-i-force-a-column-break-in-a-multi-column-page>

<https://stackoverflow.com/questions/40982836/latex-multicolumn-block-in-pandoc-markdown>

Mögliche Lösungen für 2 Spalten: <https://github.com/yihui/rmarkdown-cookbook/issues/19>

<https://stackoverflow.com/questions/34808612/how-make-2-column-layout-in-r-markdown-when-rendering-pdf>

#### Latex - koma Script

package und class Sammlung <https://www.ctan.org/pkg/koma-script>

inkl. Fußnoten package <https://ctan.org/pkg/scrlayer-scrpage?lang=de>

#### Latex - fancyhdr

Kopf- und Fußzeilen

User Guide

Abschnitt aus "bookdown

## Formatierung

### Seitenwechsel

Latex Page Breaks <https://web.archive.org/web/20100622022829/http://help-csli.stanford.edu/tex/latex-pagebreaks.shtml>

### Text

## Headline 1

## Headline 2

## Headline 3

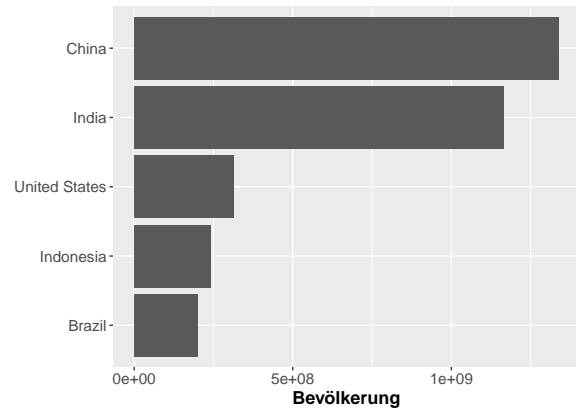
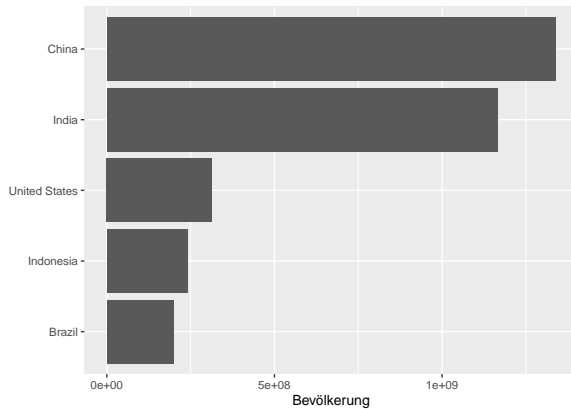
## Headline 4

## Headline 5

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## Gemischtes 1 und 2 Spalten Layout



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```
## `summarise()` ungrouping output (override with `.groups` argument)
```

Kontinent	Bevölkerungsdichte	BIP (pro Kopf)	Lebenserwartung	Index		
				Wohlbefinden	Ungleichheit	Happy Planet
Africa	60.4	3391.9	59.8	4.4	0.4	19.9
Asia	176.0	13605.7	71.7	5.1	0.2	27.9
Europe	114.6	25960.5	77.9	6.1	0.1	27.2
North America	136.3	14725.4	73.9	6.1	0.2	32.2
Oceania	19.4	13074.2	78.3	7.0	0.1	31.0
South America	20.6	11045.6	74.2	6.3	0.2	32.3