

Example article title

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Abstract

Vivamus eu rhoncus neque. Quisque egestas venenatis odio a mattis. Ut ligula turpis, facilisis a cursus eget, semper quis dolor. Integer varius est ipsum, porttitor ornare eros placerat eget. Nulla aliquet nisi arcu, sed vestibulum urna faucibus pretium. Maecenas laoreet diam non urna tincidunt iaculis a ut ex. Aenean sem enim, laoreet id accumsan sed, faucibus vitae diam. Aenean facilisis tincidunt risus. Mauris sit amet hendrerit est, sit amet maximus augue.

Citations

Cite papers using brackets and `bibtex` keys. Example citation: `[@Sheffield2016]` will be rendered like this¹. Use semicolons to separate multiple citations^{1,2}.

Figures

Refer to a figure using figure labels, so they are numbered automatically, like this: `\ref{abstract}` (See Fig. 1). Wrap a figure using the `pandoc-wrapfig` extension by adding `{0}` to the end of the caption (Fig. 2).

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Fig. 2: Example wrapped figure

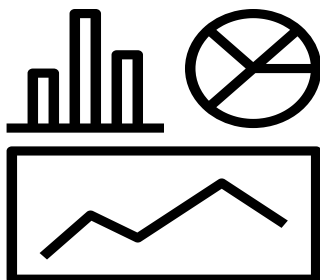


Fig. 1: Example full-width figure

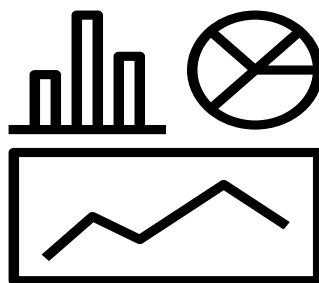


Fig. 3: Example double-column figure

laoreet id accumsan sed, faucibus vitae diam. Aenean facilisis tincidunt risus. Mauris sit amet hendrerit est, sit amet maximus augue.

Tables

One-column table

Flag	Indication
1	CONTENT-ALL-A-IN-B
2	CONTENT-ALL-B-IN-A
4	LENGTHS-ALL-A-IN-B
8	LENGTHS-ALL-B-IN-A
16	NAMES-ALL-A-IN-B
32	NAMES-ALL-B-IN-A
64	CONTENT-A-ORDER
128	CONTENT-B-ORDER

Table 1: **Compatibility flags** Parameter combinations used in the analysis and their results.

A two-column table

You can do a two-column table using the `\begin{table*}` environment. See Table 2.

Markdown tables

You can use markdown tables, too...sort of. Pandoc renders markdown tables with the `longtable` package. But `longtable` is not compatible with a two-column template. So, there are a few hacks and workarounds, but nothing works really well. The best thing I have found works *sometimes* – but then occasionally it just gobbles up text and figures silently. So, I suggest using latex templates until this issue is solved:

<https://github.com/jgm/pandoc/issues/1023>

Another issue is that Captions are preceded by the `Table` keyword. Unfortunately, I can't figure out how to put the caption below the table (it's above it by default).

Lorem ipsum

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parameter set	add	drop	shift	Jaccard mean	Coverage mean	Euclidean mean	Cosine mean
add1	0.1	0.0	0.0	0.909	0.981	0.939	0.988
add2	0.2	0.0	0.0	0.833	0.964	0.914	0.977
add3	0.3	0.0	0.0	0.769	0.951	0.895	0.966
drop1	0.0	0.1	0.0	0.900	0.950	0.883	0.954
drop2	0.0	0.2	0.0	0.800	0.900	0.834	0.905
drop3	0.0	0.3	0.0	0.700	0.850	0.796	0.852
shift1	0.0	0.0	0.2	0.941	0.902	0.979	0.998
shift2	0.0	0.0	0.5	0.860	0.756	0.966	0.996
shift3	0.0	0.0	0.8	0.785	0.610	0.957	0.994
add_drop1	0.1	0.1	0.0	0.942	0.933	0.874	0.946
add_drop2	0.1	0.2	0.0	0.840	0.886	0.831	0.901
add_drop3	0.1	0.3	0.0	0.737	0.838	0.795	0.852
add_drop4	0.2	0.1	0.0	0.783	0.920	0.865	0.939
add_drop5	0.2	0.2	0.0	0.878	0.886	0.827	0.898
add_drop6	0.2	0.3	0.0	0.772	0.828	0.795	0.852
add_drop7	0.3	0.1	0.0	0.736	0.910	0.857	0.932
add_drop8	0.3	0.2	0.0	0.693	0.867	0.824	0.894
add_drop9	0.3	0.3	0.0	0.807	0.828	0.795	0.851
shift_drop1	0.0	0.1	0.2	0.850	0.857	0.882	0.953
shift_drop2	0.0	0.1	0.5	0.779	0.718	0.879	0.950
shift_drop3	0.0	0.1	0.8	0.714	0.579	0.877	0.949
shift_drop4	0.0	0.2	0.2	0.758	0.812	0.833	0.904
shift_drop5	0.0	0.2	0.5	0.765	0.767	0.832	0.902
shift_drop6	0.0	0.2	0.8	0.642	0.548	0.830	0.900
shift_drop7	0.0	0.3	0.2	0.665	0.767	0.795	0.851
shift_drop8	0.0	0.3	0.5	0.615	0.643	0.794	0.849
shift_drop9	0.0	0.3	0.8	0.568	0.518	0.793	0.847

Table 2: Parameter combinations used in the analysis and their results.

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Embedded LaTeX

You can insert `latex` in-line in the markdown document: $rList[I_E] \leq q.start$

Or you can create separate environments like this:

Algorithm examples

These examples use the `algorithmic` environment (from the `algorithmcx` package:)

Require: $n \geq 0$

Ensure: $y = x^n$

$y \leftarrow 1$

$X \leftarrow x$

$N \leftarrow n$

while $N \neq 0$ **do**

if N is even **then**

$X \leftarrow X \times X$

$N \leftarrow \frac{N}{2}$

▷ This is a comment

else if N is odd **then**

$y \leftarrow y \times X$

$N \leftarrow N - 1$

end if

end while

1: **repeat**

▷ forever

2: this

3: **until** you die.

This example uses the `algorithm` environment:

Algorithm 1 Euclid's algorithm

1: **procedure** EUCLID(a, b)

▷ The g.c.d. of a and b

2: $r \leftarrow a \bmod b$

3: **while** $r \neq 0$ **do**

▷ We have the answer if r is 0

4: $a \leftarrow b$

5: $b \leftarrow r$

6: $r \leftarrow a \bmod b$

7: **end while**

8: **return** b

▷ The gcd is b

9: **end procedure**

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1. Sheffield, N. C. & Bock, C. LOLA: Enrichment analysis for genomic region sets and regulatory elements in R and Bioconductor. *Bioinformatics* **32**, 587–589 (2016).
2. Sheffield, N. C., Nagraj, V. & Reuter, V. simpleCache: R caching for reproducible, distributed, large-scale projects. *The Journal of Open Source Software* **3**, 463 (2018).