



Fig. 1: Example full-width figure

Manuscript title

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).

Duis in tempor mauris, a lobortis nisl. Integer arcu lorem, vehicula sed ante commodo, maximus eleifend nisi. Aenean efficitur molestie lorem, ac pharetra felis euismod nec. Duis vitae ligula facilisis, dignissim justo eget, elementum est. Nulla quis mi a justo porta pellentesque eget sit amet purus. Ut ac vestibulum ante, in efficitur massa. Cras feugiat in urna facilisis ultrices. Nullam vestibulum, lacus eget pretium pharetra, augue ligula consectetur diam, eget condimentum ipsum magna sed augue.



Fig. 2: Wrap a figure

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**

$X \leftarrow X \times X$

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

else if N is odd **then**

$y \leftarrow y \times X$

$N \leftarrow N - 1$

end if

end while

▷ This is a comment

```
1: repeat ▷ forever
2:   this
3: until you die.
```

This one 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
```

References

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).