Fig. 1: Example full-width figure

Manuscript title

Citations

Cite papers using brackets and `bibtex` keys. Example citation: `[@Sheffield2016]` will be rendered like this[1]. 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: 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**
      $X \Leftarrow X \times X$
      $N \Leftarrow \frac{N}{2}$ ▷ 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 ← a mod b
3:     while r ≠ 0 do                            ▷ We have the answer if r is 0
4:         a ← b
5:         b ← r
6:         r ← a mod 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).