

# Master bibliographic style file of *The Canadian Journal of Statistics*

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Statistical Society of Canada

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**Abstract** The list of references in *The Canadian Journal of Statistics* is typeset using the bibliographic styles `cjs-rcs-en.bst` for articles in English and `cjs-rcs-fr.bst` for articles in French. These styles are created using the program `makebst` from the master bibliographic file `cjs-rcs-merlin.mbs`, and the language definition files `cjs-rcs-english.mbs` and `cjs-rcs-french.mbs`.

**Résumé** La liste des références dans *La revue canadienne de statistique* est composée avec les style de bibliographie `cjs-rcs-fr.bst` pour les articles en français et `cjs-rcs-en.bst` pour les articles en anglais. Ceux-ci sont générés par le programme `makebst` à partir du fichier maître `cjs-rcs-merlin.mbs` et des fichiers de localisation `cjs-rcs-english.mbs` et `cjs-rcs-french.mbs`.

**Version** This is the documentation for the file `cjs-rcs-merlin.mbs` v1.3, dated 2025/09/09.

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## 1 Introduction

The class `cjs-rcs-article` typesets manuscripts immediately in accordance with the presentation rules of *The Canadian Journal of Statistics*. The class uses its own bibliographic styles: `cjs-rcs-en.bst` for articles in English, and `cjs-rcs-fr.bst` for articles in French. The style `cjs-rcs-en.bst` could best be described as “not unlike `apalike`”, whereas `cjs-rcs-fr.bst` is closely derived from the style `francais` provided by the package **francais-bst**.

The styles were originally generated using the program `makebst` by Patrick W. Daly. The master bibliographic style and the language definition files are heavily based on their counterparts of the package **custom-bib**, namely `merlin.mbs`, `english.mbs`, and `french.mbs`.

## 2 Generation of the bibliographic styles

The English style `cjs-rcs-en.bst` is produced from this master bibliographic style file and the language definition file `cjs-rcs-english.mbs` by running the driver `cjs-rcs-bst-en.dbj` through  $\text{\LaTeX}$ :

```
latex cjs-rcs-bst-en.dbj
```

The French style `cjs-rcs-fr.bst` is produced similarly using the driver `cjs-rcs-bst-fr.dbj`:

```
latex cjs-rcs-bst-fr.dbj
```

## 3 Changes compared to `merlin.mbs`

The master bibliographic style `cjs-rcs-merlin.mbs` introduces the following changes compared to `merlin.mbs`.

1. The function `format.url` is reworked to provide a cleaner URL for digital object identifiers (DOIs). The `merlin.mbs` definition would generate a DOI of the form

```
URL http://dx.doi.org/<doi>
```

The revised definition instead generates the simpler string

doi:  $\langle doi \rangle$

When the package **hyperref** is loaded,  $\langle doi \rangle$  is a hyperlink to the now recommended URL `https://doi.org/⟨doi⟩`. This behaviour relies on a command `\urldoi` provided in the `.bbl` file. If needed, this command may be redefined by the user.

2. The command `\urlprefix` is empty. Again, this may be redefined by the user.
3. The quotes « » are typeset by the macro `\frquote` of **babel-french** (version  $\geq 3.1$ ), rather than by the custom commands `\guillemotleft` and `\guillemotright`.
4. The `makebst` menu information is only included in the complete documentation. The latter is obtained by commenting out the command `\OnlyDescription` in `cjs-rcs-merlin.mbs` and compiling the file with `pdfLATEX` or `LuaLATEX`.

## History of changes

0.9	Initial version based on version 4.33 of merlin.mbs. .... 1	0.93	Add a prefix v in the version number like the main file. .... 1
0.92	Relegate the <code>makebst</code> menu information to the complete documentation. .... 1	1.0	First official release distributed through CTAN. .... 1