

Guide to Canadian Journal of Economics *LaTeX 2_ε class file (v. 1.06, 2018)*

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Abstract. The LaTeX 2_ε class file for the *Canadian Journal of Economics* is derived from `article.cls`. This guide provides you with all the information you need to use `cje.cls`. Before submitting your manuscript, please be sure your source files compile without any errors. The journal uses Latin Modern Roman and is printed in black and white, so be sure any colour graphics are designed so they will appear correctly in black and white or provide black and white versions suitable for the print journal along with the colour versions (colour graphics will appear in colour in the online version). Include an English abstract of no more than 160 words, if possible, and a French abstract, if available. If you don't have a French version of your abstract, the English abstract will be translated by Gilles Paquet, Professor Emeritus at the University of Ottawa. Our thanks to Professor Paquet for his ongoing devotion to this task. If you have any questions or would like to signal any corrections to the class file or this guide, please contact Kim Nesbitt, CJE copyeditor, at CJE-copyeditor@outlook.com.

Résumé. If you do not provide a French abstract, the English abstract will be translated into French and inserted here.

JEL classification: H77, Q56, H41

The Canadian Economics Association wishes to thank Patrick W. Daly for making the development of `cjebibstyle.bst` possible and Ali Woollatt for her work on creating this package and documentation. Thank you to Karl Berry, James S. Hefferon, CTAN and the friendly and helpful members of the TeX Users Group (TUG) for their technical assistance, guidance and advice.

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1. Using the `cje` class file

Download the latest version from economics.ca/cje/en/latex.php or ctan.org. This guide has examples of most environments you're likely to need.

1.1. `cje.cls` package files

The distribution package contains the following files.

<code>readme.txt</code>	readme file
<code>cjetemplate.tex</code>	Template shell containing only code
<code>cjeguide.tex</code>	Detailed instructions for authors, written in CJE style
<code>cjeguide.pdf</code>	PDF of detailed instructions for authors, written in CJE style
<code>canadian-flag.eps</code>	figures 1 and 2, required for <code>cjeguide.tex</code>
<code>cje.cls</code>	CJE class file
<code>cjebibstyle.bst</code>	CJE bibliography style file
<code>cjenatbib.sty</code>	CJE style file for citations
<code>cjeupmath.sty</code>	CJE style file for non-italic Greek characters
<code>ageingbib.bib</code>	sample BIB _T E _X database

1.2. Additional required files

The following standard files are required for this package. They can be obtained from CTAN if you don't already have them installed.

<code>amsbsy.sty</code>	style file called in by <code>cjeupmath.sty</code>
<code>amsgen.sty</code>	style file called in by <code>cjeupmath.sty</code>
<code>amssymb.sty</code>	accesses AMS fonts <code>msam</code> and <code>msbm</code>
<code>amsfonts.sty</code>	style file called in by <code>amssymb.sty</code>
<code>amsthm.sty</code>	for typesetting theorems, proofs, etc.
<code>amsthdoc.pdf</code>	documentation for <code>amsthm.sty</code>
<code>lineno.sty</code>	style file required for <code>[review]</code> and <code>[proof]</code> options
<code>ednmath0.sty</code>	style file called in by <code>lineno.sty</code>
<code>edtable.sty</code>	style file called in by <code>lineno.sty</code>
<code>vplref.sty</code>	style file called in by <code>lineno.sty</code>
<code>graphicx.sty</code>	graphics style file
<code>hyperref.sty</code>	to generate hypertext links
<code>upquote.sty</code>	to generate upright quote marks in verbatim
<code>tabularx.sty</code>	style file to manipulate columns in tables
<code>url.sty</code>	for formatting hypertext links, etc.

1.3. Typesetting the title page

Typeset authors and affiliations using `\authorone`, `\authortwo`, `\authorthree`, etc., to `\author n` for authors one to 10. Please keep the title, author(s), abstract, résumé, JEL classification and acknowledgement sections in the same order as shown below, with `\maketitle` being the last command.

CJE uses shortened versions of the title and author names on the running heads. Typeset the shortened version of the title in square brackets immediately after the `\title` command. Use the `\authors` command to define the shortened version of author names (see below for both).

Two other class file options are also available: the review option, which can be used to create your initial manuscript for submission, and the proof option, which is used by the typesetters to create the article proof you will subsequently be asked to review and approve. This guide was set using the following code:

```

\documentclass{cje}           % for authors
% \documentclass[review]{cje} % for reviewers
%                               % double spaced with line numbers
% \documentclass[proof]{cje}  % for typesetters
%                               % with line numbers and typesetting details
%   typesetters to add the following data for [proof] version (these are the defaults):
%   \pubyear{20XX} \volume{00} \issueno{0}           %(line1)
%   \monthyearen{January 20XX} \monthyearfr{Janvier 20XX} %(line2)
%   \issn{0000-0000} % note - page range generated from labels:
%                               \label{firstpage}--\label{lastpage} %(line3)
%   \articleref{00000} \dispatch{01.01.20XX} \noofpages{00} %(line4)

\usepackage{cjenatbib}
\usepackage{url}

% check if we are compiling under latex or pdflatex
\ifx\pdftexversion\undefined
  \usepackage[dvips]{graphicx}
\else
  \usepackage[pdftex]{graphicx}
  \usepackage{epstopdf}
  \epstopdfsetup{suffix=}
\fi

\usepackage{tabularx}
\usepackage[figuresright]{rotating}
\usepackage{floatpag}
  \rotfloatpagestyle{empty}
\usepackage{amsmath}
\usepackage{amsthm}
\theoremstyle{plain}% default
  \newtheorem{theorem}{Theorem}
  \newtheorem{lemma}{Lemma}
  \newtheorem{proposition}{Proposition}
  \newtheorem*{corollary}{Corollary}
\theoremstyle{definition}
  \newtheorem{definition}{Definition}
  \newtheorem{example}{Example}
\theoremstyle{remark}
  \newtheorem*{remark}{Remark}
  \newtheorem*{case}{Case}

```

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```
\usepackage{lmodern} %this makes Latin Modern the default for all three LaTeX font
%families (roman, sans serif and typewriter). You also need
\usepackage[T1]{fontenc}%for text
\usepackage{textcomp}%to be able to use any of the TS1-encoding symbols
  \usepackage{upquote}
  \usepackage{hyperref}
\def\citeapos#1{\citeauthor{#1}'s (\citeyear{#1})}
  \hypersetup{%
    pdftitle = {Author guide to Canadian Journal of Economics \LaTeXe\ class file (v. 1.06, 2018)},
    pdfauthor = {Author One, Author Two, Author Three,
      Author Four and Author Five},
    citecolor=blue,
    urlcolor=blue,
    colorlinks = true,
  }

  \bibpunct{( )}{,}{a}{ }{;}

\begin{document}
\label{firstpage}

% shortened version of title [in square brackets] for running head
\title[Guide to \texttt{cje} \LaTeXe\ class]{Guide to Canadian Journal of
Economics \LaTeXe\ class file (v. 1.06, 2018)}

% summary of authors for running head
\authors{A. One, A. Two, A. Three, A. Four and A. Five}

% authors and affiliations
\authorone{Author One}{Federal Reserve Bank of Boston}
\authortwo{Author Two}{Division of Economics, Western
  Technological University}
\authorthree{Author Three and Author Four}{Department
  of Economics, Peterson University}
\authorfour{Author Five}{Boston School of Economics and
  Political Science}

\abstract{The \LaTeXe\ class file for the \emph{Canadian Journal of Economics}...
If you have any questions or would like to signal any corrections to the class
file or this guide, please contact Kim Nesbitt, CJE copyeditor, at
\texttt{CJE-copyeditor@outlook.com}.}

\resume{If you do not provide a French abstract, the English abstract will be translated
into French and inserted here.}

\JEL{H77, Q56, H41}

\acknowledgements{The
  Canadian Economics Association wishes to thank Patrick W. Daly
  for making the development of \texttt{cjebibstyle.bst} possible and Ali
  Woollatt for her work on creating this package and documentation. Thank you to Karl Berry,
  James S. Hefferon, CTAN and the friendly and helpful members of the \TeX\ Users Group (TUG)
```

```
for their technical assistance, guidance and advice.\\
Corresponding author: Kim Nesbitt, CJE-copyeditor@outlook.com}
```

```
\maketitle
```

```
\section{Using the \texttt{cje} class file}
```

1.4. *User-defined macros*

If you define your own macros, ensure the names you give them do not conflict with any existing macros in plain T_EX or L^AT_EX 2_ε. You can check if the macro name is already used by typing `\show<macro_name>`. Place your macros in the preamble, i.e., between `\documentclass` and `\begin{document}`.¹

1.5. *Lists*

The *cje* class file provides for numbered (`\enumerate`) and unnumbered (`\itemize`) lists. Use a numbered list in hierarchical or chronological lists, such as lists with elements of increasing or decreasing importance or where the sequence is important. Otherwise, use an itemized list. Be sure the structure of each element in the list is parallel (e.g., all begin with nouns or with verbs). The default numbering system for `\begin{enumerate}...` `\end{enumerate}` is Arabic numbers, beginning with “1.” Here is an example of a simple `\enumerate` environment:

1. Here is the first item of the list.
2. Here is the second item of the list.
 - (a) If you require a sublist (like this one), you can create it with just a little extra coding. Determine which character, (a), (b), (c), etc., is the widest in the list. Then add this as an argument in square braces. See the verbatim text below for the coding.
 - (b) Here is the second sublist item.

It was set using the following:

```
\begin{enumerate}
\item Here is the first item of the list.
\item Here is the second item of the list.
  \begin{enumerate}[(b)]
    \item If you require a sublist (like this one), you can create it with just....
    \item Here is the second sublist item.
  \end{enumerate}
\end{enumerate}
```

You can change the default numbering to, for example, alpha characters for the top level items and Roman numerals for the sublist items. In the

¹ Please be sure to remove (comment out) any macros you’ve created but didn’t use in your article.

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example below, (b) is the widest item label in the list and (ii) is the widest item label in the sublist, so they're placed in square braces following the `\begin{enumerate}` command:

- (a) Here is the first item of the list.
- (b) Here is the second item of the list.
 - (i) If you require a sublist (like this one), you can create it with just....
 - (ii) Here is the second sublist item.

The above list was set using the following code:

```
\begin{enumerate}[(b)]
\usealpha
\item Here is the first item of the list.
\item Here is the second item of the list.
\begin{enumerate}[(ii)]
\useroman
\item If you require a sublist (like this one), you can create it
with just....
\item Here is the second sublist item.
\end{enumerate}
\end{enumerate}
```

Itemized lists are set off with bullet points. Sublists are set off with en dashes:

- Here is the first item of the list.
- Here is the second item of the list.
 - Here is a sublist item.

1.6. *Extracts and epigraphs*

Extracts such as this:

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

are typeset using the following:

```
\begin{extract}
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod
tempor incididunt ut labore....
\end{extract}
```

Epigraphs, such as the one below, are slightly different:

The time to begin writing an article is when you have finished it to your satisfaction. By that time you begin to clearly and logically perceive what it is that you really want to say.

–Mark Twain's Notebook, 1902–1903

and are typeset using:

```
\begin{epigraph}
The time to begin writing an article is when...
...what it is that you really want to say.
\epigraphauthor{\textit{Mark Twain's Notebook}, 1902--1903}
\end{epigraph}
```

1.7. Margin notes

The *cje* class file redefines the L^AT_EX command `\marginpar`. If you want to add a margin note such as the one to the right, type: `\marginpar{Use 2016 figures}`. The copyeditor or typesetters will remove all margin notes from the final proof. **Copyeditor: Use updated figure**

1.8. Tables

If you use labels to refer to the tables, the `\caption` command must come before the `\label` command. Do not use vertical rules in tables. See section 1.10.1 for information on typesetting landscape tables. If your table has footnotes, you must use the `minipage` environment for them to be output in the correct position (see table 1). The source code for table 1 is shown immediately below the table, reproduced courtesy of David Amdur and Eylem Ersal Kiziler.

1.9. Figures

If you use labels to refer to the figures, the `\caption` command must come before the `\label` command. See section 1.10.2 for information on typesetting landscape figures. If possible, provide figures as `.eps` or `.pdf` files. Use strong black lines of at least 0.75pt at final printed size. Avoid differentiating or identifying elements in your figures with shading because it may be difficult to discern in black and white. Instead, use bars, dots, diamonds, etc. Be aware that colour figures will be converted to monochrome for the print version.

Use the Latin Modern font family for all text if possible, or Times New Roman if not possible. Do not set figures in boxes. You can consult the publisher's guidelines for electronic artwork at authorservices.wiley.com/bauthor/illustration.asp.

1.10. Landscape tables and figures (using *rotating.sty*)

You can typeset your tables and figures (floats) to be landscape using the `rotating.sty` package. This package uses rotation facilities from the `graphicx` package. The bottom of landscape tables and figures should always be on the right-hand side of the page (this is taken care of by using the `[figuresright]` option). Ideally, none of the wording should be upside down when the journal is upright, although this may be unavoidable with large graphs.

TABLE 1
Forecast error variance decomposition for the US current-account-to-GDP ratio (in percent)

Horizon/Shock	ϵ_g^H	ϵ_g^F	ϵ_z^H	ϵ_z^F
1 quarter	45.2	52.2	0.8	1.9
4 quarters	41.4	54.9	0.8	2.8
8 quarters	39.5	55.9	0.8	3.8
16 quarters	38.9	56.0	0.8	4.6 ^a

NOTES: Do not include closing punctuation in table titles. If a table has notes and/or footnotes, you must create the table inside a `minipage` environment.

a An example of a table footnote.

Table 1 was set with the following code:

```
\begin{table}%table1
\caption{Forecast error variance decomposition for the US current-account-to-GDP
ratio (in percent)}
\label{forecast}
\begin{minipage}{28pc}% you need this line only if your table has notes and/or
%footnotes
% (28pc is the text width)
\begin{tabular}{@{}lrrrr@{}}\hline
Horizon/Shock\tablenote{NOTES: Do not include closing punctuation in table
titles. If a table has notes and/or footnotes, you must create the table
inside a \texttt{minipage} environment.} &
\multicolumn{1}{c}{\$\epsilon_g^H\$} &
\multicolumn{1}{c}{\$\epsilon_g^F\$} &
\multicolumn{1}{c}{\$\epsilon_z^H\$} &
\multicolumn{1}{c}{\$\epsilon_z^F\$}\ \\ \hline
1 quarter & 45.2 & 52.2 & 0.8 & 1.9 \\
4 quarters & 41.4 & 54.9 & 0.8 & 2.8 \\
8 quarters & 39.5 & 55.9 & 0.8 & 3.8 \\
16 quarters & 38.9 & 56.0 & 0.8 & 4.6\footnote{An example of a table footnote.} \\
\finalhline
\end{tabular}
\end{minipage}% you need this line only if your table has notes and/or footnotes
\end{table}
```

In addition to using `rotating.sty`, include `floatpag.sty` and the command `\rotfloatpagestyle{empty}`. This combination ensures that headers and footers don't appear on float pages:

```
\usepackage[figuresright]{rotating}
\usepackage{floatpag}
\rotfloatpagestyle{empty}
```


TABLE 2
Host and source market potential – Within country pair – OLS

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
$\log(\text{Host GDP})$	0.187*** (0.067)	0.230*** (0.072)	0.190*** (0.069)	0.225*** (0.074)						
$\log(\text{Source GDP})$			-0.016 (0.081)	0.049 (0.087)						
$\Delta \log(\text{Host GDP})$					0.085 (0.054)	0.109* (0.062)				
$\log(\text{Host GDP})$							0.144** (0.062)	0.176*** (0.066)		
$\log(\text{Source GDP})$							-0.059 (0.070)	-0.007 (0.076)		
$\Delta \log(\text{Host GDP})$									0.095* (0.053)	0.116* (0.062)
Observations	6,583	5,935	6,520	5,872	6,497	5,857	6,520	5,872	6,497	5,857
R^2	0.560	0.567	0.556	0.563	0.559	0.565	0.556	0.563	0.559	0.565
Cross-border only	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes



FIGURE 2 The national flag of Canada

class files has been removed. For example:

$$\tilde{t}_a^B = \frac{\alpha}{\tilde{d}_a} \left[(s_a^4 - 4s_a^3 + 3s_a^2 + 6s_a - 12) (\lambda_a^B)^2 + (-2s_a^3 + 9s_a^2 - 4s_a - 25) \lambda_a^B + 4(s_a^2 - 3s_a + 1) \right]. \quad (2)$$

Equation (2) was set using the following code:

```
\begin{eqnarray}
\label{alignexample}
\tilde{t}_a^B &=& \frac{\alpha}{\tilde{d}_a} \left[ \right.
&\left. \left( s_a^4 - 4s_a^3 + 3s_a^2 + 6s_a - 12 \right) \left( \lambda_a^B \right)^2 \right.
&\left. + \left( -2s_a^3 + 9s_a^2 - 4s_a - 25 \right) \lambda_a^B + 4 \left( s_a^2 - 3s_a + 1 \right) \right].
\end{eqnarray}
```

In equations that extend over more than one line, the equation number will appear on the last line.

2.2. Typesetting non-italic (upright) Greek characters

The cjeupmath package provides macros for upright lowercase Greek (`\alpha`–`\xi`) characters and upright bold lowercase Greek (`\ubalpha`–`\ubxi`) characters. However, use `\uboldeta` for the bold upright symbol η .

In order to use the cjeupmath package, you must have the AMS `eurm/b` fonts installed.

The AMS packages are supplied with the AMS L^AT_EX distribution. If you have the AMS L^AT_EX distribution installed, you will not need the `ams*.sty` files supplied in the cje distribution package (it’s a good idea to check whether there’s a more recent AMS distribution).

For upright characters, add the prefix `u`; for upright bold characters, add the prefix `ub`:

α	<code>\alpha</code>	α	<code>\ubalpha</code>
β	<code>\beta</code>	β	<code>\ubbeta</code>
γ	<code>\ugamma</code>	γ	<code>\ubgamma</code>
δ	<code>\udelta</code>	δ	<code>\ubdelta</code>

If you don’t have the AMS fonts installed, you should still use the above commands. The characters will be substituted by the typesetter.

2.3. Typesetting the partial symbol

The cjeupmath package also provides `\upartial` and `\ubpartial`.

If you have the AMS fonts installed, you can use the style file `cjeupmath.sty` to typeset the partial symbol:

∂	<code>\upartial</code>	∂	<code>\ubpartial</code>
------------	------------------------	------------	-------------------------

As mentioned in section 2.2, if you don't have the AMS fonts installed, you should still use the above commands.

3. Theorems, definitions, remarks, proofs, etc.

Many authors use `amsthm.sty` for typesetting these elements, so it has been included in the `cje` distribution. Therefore, include the following lines in the preamble:

```
\documentclass{cje}
\usepackage{amsmath}
\usepackage{amsthm}
```

If you don't have any theorems, proofs, etc., you won't need `amsthm.sty`. Note that if you're also using `amsmath.sty`, you *must* place it before `amsmath.sty`.

The instructions for `amsmath.sty` are given in `amsthdoc.pdf`. They can be downloaded from ctan.org. The following subsections discuss the basic features along with some additional ones.

If you don't include the `\theoremstyle` command, the `plain` style will be used. To specify different styles, divide your `\newtheorem` commands into groups and preface each group with the appropriate `\theoremstyle`.

3.1. `amsthm` “plain” style

Use the `plain` style for theorems, lemmas, corollaries, propositions, conjectures, criterion and algorithms. You can turn off numbering by using the starred version of `newtheorem`. The below code:

```
\theoremstyle{plain}% default
\newtheorem{theorem}{Theorem}
\newtheorem{lemma}{Lemma}
\newtheorem{proposition}{Proposition}
\newtheorem*{corollary}{Corollary}

\begin{theorem}
  The first fundamental theorem of welfare economics states\ldots
\end{theorem}
\begin{proposition}
  The effects of the target's market potential\ldots
\end{proposition}
\begin{lemma}
\label{Lucas}
  If a separating equilibrium exists, in such an equilibrium\ldots
\end{lemma}
\begin{corollary}
  Within target market  $\$j\$$ , domestic acquisitions\ldots
\end{corollary}
```

produces the following output:

THEOREM 1. *The first fundamental theorem of welfare economics states...*

PROPOSITION 1. *The effects of the target's market potential...*

LEMMA 1. *If a separating equilibrium exists, in such an equilibrium...*

COROLLARY. *Within target market j , domestic acquisitions...*

(Note the starred version of `newtheorem` produced an unnumbered corollary.)

3.2. *amsthm* “definition” style

The `definition` style is typically used for definitions, conditions, problems and examples, as follows:

```
\theoremstyle{definition}
  \newtheorem{definition}{Definition}
  \newtheorem{example}{Example}

\begin{definition}
  The separating equilibrium distinguishes the two types of\dots
\end{definition}
\begin{definition}
  Under state  $H$ , the separating equilibrium degenerates to\dots
\end{definition}
\begin{example}
  Consider the above analysis of\dots
\end{example},
```

which produces the following output:

DEFINITION 1. The separating equilibrium distinguishes the two types of...

DEFINITION 2. Under state H , the separating equilibrium degenerates to...

EXAMPLE 1. Consider the above analysis of...

3.3. *amsthm* “remark” style

The `remark` style is typically used for remarks, notes, notations, claims, summaries, acknowledgements, cases and conclusions:

```
\theoremstyle{remark}
  \newtheorem*{remark}{Remark}
  \newtheorem*{case}{Case}

\begin{remark}
  In the pooling equilibria, the expected total loss\dots
\end{remark}
\begin{case}
  We now move back to the stage in which\dots
\end{case}
```

produces the following output:

Remark. In the pooling equilibria, the expected total loss...

Case. We now move back to the stage in which...

3.4. *Proofs*

The `proof` environment is part of the `amsthm` package and provides a consistent format for proofs. For example:

```
\begin{proof}
  For  $i=H,L$ , the first order condition (6) implies...
\end{proof}
```

produces the following output:

Proof. For $i = H, L$, the first order condition (6) implies.... ■

3.4.1. Changing the word “Proof”

You can substitute the word “Proof” with another word or phrase using an optional argument. In the above example, “Proof” becomes “Proof of lemma 1.”

```
\begin{proof}[Proof of lemma~\ref{Lucas}]
  For  $i=H,L$ , the first order condition (6) implies...
\end{proof}
```

produces the following output:

Proof of lemma 1. For $i = H, L$, the first order condition (6) implies.... ■

3.4.2. Typesetting a proof without ■

This is not part of the `amsthm` package. To accomplish this, use the `proof*` version. For example:

```
\begin{proof*}
  We prove this part of the proposition in two steps...
\end{proof*}
```

produces the following output:

Proof. We prove this part of the proposition in two steps....

3.4.3. Placing the ■ after a displayed equation

To avoid the ■ dropping onto the following line at the end of a proof:

```
\begin{proof*}
  Energy equals mass times the speed of light squared:
  \[
    \equationqed{E=mc^2.}
  \]
\end{proof*}
```

This produces the following output:

Proof. Energy equals mass times the speed of light squared:

$$E = mc^2. \quad \blacksquare$$

3.4.4. Placing the ■ after a displayed eqnarray

This is not part of the `amsthm` package. To accomplish this, use the `proof*` version and add `\arrayqed` and `\arrayqedhere`, as shown in this example:

```

\begin{proof*}
  The following equations prove the theorem:
  \arrayqed
  \begin{eqnarray}
    F_G^{k,j} &=& \psi_G \cdot d_{k,j}, \nonumber \\
    F_A^{k,j} &=& \tilde{F}_A + \psi_A \cdot d_{k,j}.
  \end{eqnarray}
  \arrayqedhere
  \end{proof*}

```

produces the following output:

Proof. The following equations prove the theorem:

$$F_G^{k,j} = \psi_G \cdot d_{k,j},$$

$$F_A^{k,j} = \tilde{F}_A + \psi_A \cdot d_{k,j}. \quad \blacksquare$$

4. References

All in-text citations must include the author name(s) and year of publication (e.g., “In Lucas (1990)...”, “According to Van-Zon and Muysken (2001)...”, “Mas-Colell et al. (1995) and Glomm and Ravikumar (1992) have shown...”). Before submitting your final files, please ensure there is an entry in the reference list for each source cited in the paper and vice versa. The best way to accomplish this is by using BIB_TE_X and a bib database.

4.1. Creating your reference list using Bib_TE_X

If you’re creating your reference list using BIB_TE_X, please be sure to include your .bib file with your .tex file.

IMPORTANT: Do not paste the contents of your .bbl file into the main .tex file.

To generate automatic references from a bib database, place the following two commands where the reference list is to appear:

```

\bibliography{ageingbib}% to read ageingbib.bib
\bibliographystyle{cjobibstyle}% to impose CJE bibliography style on output

```

Next, compile your article twice, then run BIB_TE_X and, finally, run your article through L^AT_EX once more. This series of runs will generate a .bbl file, which is a compilation of only the sources from your .bib file that were cited in your article, and insert the contents of the .bbl file in your .tex file as the reference list, formatted to CJE reference style.

For example, if you’ve cited only these 10 sources from your bib database that contains 200 sources: Glomm and Ravikumar (1992), Mas-Colell et al. (1995), Atkinson and Stiglitz (1980), Van-Zon and Muysken (2001), van der

Pol and Cairns (2000), Lucas (1990), Mendoza (1991), Glomm and Ravikumar (1997), Aisa and Pueyo (2004) and Li et al. (2012), only these 10 references will appear as the reference list. See the last page of this guide for the reference list output.

4.1.1. *natbib* commands for in-text citations

The standard `natbib` style file has been modified to impose the CJE reference style. This modified style file is called `cjenatbib.sty` (included in the `cje` distribution) and works exactly the same as `natbib.sty`. Here are some of the `\cite` commands available (please refer to the `natbib` documentation ctan.org/pkg/natbib?lang=en if you would like more information):

Lucas (1990)	<code>\cite{Lucas90}</code>
Lucas (1990), Mas-Colell et al. (1995)	<code>\cite{Lucas90, Mas-Colell}</code>
(Lucas 1990)	<code>\citep{Lucas90}</code>
(see Lucas 1990, p. 34)	<code>\citep[see][p. \$\$, \$34]{Lucas90}</code>
(e.g., Lucas 1990)	<code>\citep[e.g.,][]{Lucas90}</code>
(Lucas 1990, section 2.3)	<code>\citep[section 2.3]{Lucas90}</code>
(Lucas 1990, Mas-Colell et al. 1995)	<code>\citep{Lucas90, Mas-Colell}</code>
(1990)	<code>\citeyearpar{Lucas90}</code>

See the last page of this guide for the reference list output.

If you want to generate possessive citation, e.g., Lucas's (1990), use the `\citeapos{key}` command. To use this command, you must include the following line in your document preamble:

```
\def\citeapos#1{\citeauthor{#1}'s (\citeyear{#1})}
```

4.2. *Creating your reference list manually*

If you aren't using a `.bib` file and the `cjebibstyle.bst` bibliography style file (CJE preferred method), you can either create a reference list in plain text or produce the same output as shown at the end of this guide by typing the references in the format shown below.

NOTE: If you don't produce your reference list using `BIBTEX`, you will be asked at the proof stage to verify that each in-text citation appears in the reference list and vice versa.

Capitalize only the first word of article titles, any proper nouns and the first word of a subtitle (word after a colon). For book titles, capitalize all words except prepositions of three or fewer letters. For page ranges, use an en dash (--) not a hyphen (-). Include the entire second number of the range for pages 1 to 99 but only the last two digits of the second number if above 100 (e.g., 226–54, 890–99) unless more are needed for accuracy/clarity (e.g., 190–208, 998–1004).

Example of a manual reference list

```

\begin{thebibliography}{10}
\newcommand{\enquote}[1]{`#1'}

\bibitem[{Aisa and Pueyo(2004)}]{Aisa04}
Aisa, R., and F. Pueyo (2004) \enquote{Endogenous longevity, health and
  economic growth: A slow growth for a longer life?,} \emph{Economics
  Bulletin} 9, 1--10

\bibitem[{Atkinson and Stiglitz(1980)}]{Atkinson}
Atkinson, A., and J. Stiglitz (1980) \emph{Lectures on Public Economics},
  New York: McGraw-Hill

\bibitem[{Glomm and Ravikumar(1992)}]{Glomm92}
Glomm, G., and B. Ravikumar (1992) \enquote{Public versus private
  investment in human capital endogenous growth and income inequality,}
  \emph{Journal of Political Economy} 100, 813--34

\bibitem[{Glomm and Ravikumar(1997)}]{Glomm97}
----- (1997) \enquote{Productive government expenditures and long-run
  growth,} \emph{Journal of Economic Dynamics and Control} 21, 183--204

\bibitem[{Li et al.(2012)Li, Shrivastava, and K{"o}nig}{LiSK12}
Li, P., A. Shrivastava, and A. C. K{"o}nig (2012) \enquote{{GPU}-based
  minwise hashing,} in \emph{Proceedings of the 21st World Wide Web
  Conference (WWW 2012) (Companion Volume)}, pp. 565--66

\bibitem[{Lucas(1990)}]{Lucas90}
Lucas, R. (1990) \enquote{Supply-side economics: An analytical review,}
  \emph{Oxford Economic Papers} 42, 293--316

\bibitem[{Mas-Colell et al.(1995)Mas-Colell, Whinston, and Green}{Mas-Colell}
Mas-Colell, A., M. D. Whinston, and J. R. Green (1995) \emph{Microeconomic
  Theory}, Oxford: Oxford University Press

\bibitem[{Mendoza(1991)}]{Mendoza1991}
Mendoza, E. G. (1991) \enquote{Real business cycles in a small open economy,}
  \emph{American Economic Review} 81, 717--818

\bibitem[{van der Pol and Cairns(2000)}]{vanderPolGairns2000}
van der Pol, M. M., and J. A. Cairns (2000) \enquote{Zero and negative time
  preference for health,} \emph{Health Economics} 9, 171--75

\bibitem[{Van-Zon and Muysken(2001)}]{Van-Zon}
Van-Zon, A., and J. Muysken (2001) \enquote{Health and endogenous growth,}
  \emph{Journal of Health Economics} 20, 169--85

\end{thebibliography}

```

Appendix A1: Typesetting a single appendix

Appendices appear before the reference section. To create a single appendix (it won't be numbered):

```
\oneappendix
\section{Typesetting a single appendix}
:
```

Numbering of appendix tables, figures, equations, etc., begins at A1:

$$c_t(x; \Xi_t, \Theta) = \alpha[(1 - \tau_0 x)w_t h_t - \tau_1 x - h_t^\sigma],$$

$$d_t(x; \Xi_t, \Theta) = \frac{\beta w_t h_t + 2\varepsilon r_t(x)}{r_t(x)(b w_t h_t + \varepsilon r_t(x))} [(1 - \tau_0 x)w_t h_t - \tau_1 x - h_t^\sigma] \quad (\text{A1})$$

Single appendix headings are numbered as follows:

- **Appendix:** *<section heading>*
- **A1.** *<subsection heading>*
- **A1.1.** *<subsubsection heading>*

Appendix A2: Typesetting two or more appendices

Multiple appendices are numbered A1, A2, A3, A4, etc. The two appendices in this guide were typeset using:

```
\appendix
\section{Typesetting a single appendix}
:
\section{Typesetting two or more appendices}
:
```

The sections in appendix **A1** are:

- **Appendix A1:** *<section heading>*
- **A1.** *<subsection heading>*
- **A1.1.** *<subsubsection heading>*

The sections in appendix **A2** are:

- **Appendix A2:** *<section heading>*
- **A2.** *<subsection heading>*
- **A2.1.** *<subsubsection heading>*

References

- Aisa, R., and F. Pueyo (2004) "Endogenous longevity, health and economic growth: A slow growth for a longer life?," *Economics Bulletin* 9, 1–10
- Atkinson, A., and J. Stiglitz (1980) *Lectures on Public Economics*, New York: McGraw-Hill

- Glomm, G., and B. Ravikumar (1992) “Public versus private investment in human capital endogenous growth and income inequality,” *Journal of Political Economy* 100, 813–34
- (1997) “Productive government expenditures and long-run growth,” *Journal of Economic Dynamics and Control* 21, 183–204
- Li, P., A. Shrivastava, and A. C. König (2012) “GPU-based minwise hashing,” in *Proceedings of the 21st World Wide Web Conference (WWW 2012) (Companion Volume)*, pp. 565–66
- Lucas, R. (1990) “Supply-side economics: An analytical review,” *Oxford Economic Papers* 42, 293–316
- Mas-Colell, A., M. D. Whinston, and J. R. Green (1995) *Microeconomic Theory*, Oxford: Oxford University Press
- Mendoza, E. G. (1991) “Real business cycles in a small open economy,” *American Economic Review* 81, 717–818
- van der Pol, M. M., and J. A. Cairns (2000) “Zero and negative time preference for health,” *Health Economics* 9, 171–75
- Van-Zon, A., and J. Muysken (2001) “Health and endogenous growth,” *Journal of Health Economics* 20, 169–85