

Eurostat L^AT_EX Style Sheet

AUTHOR ONE, AUTHOR TWO, AUTHOR THREE

2020 edition



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AUTHOR ONE, AUTHOR TWO, AUTHOR THREE

2020 edition

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Abstract

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Keywords: Keyword one, Keyword two, Keyword three, Keyword four.

Authors: Author one ⁽¹⁾, Author two ⁽²⁾, Author three ⁽³⁾.

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1

How to use this template

This template provides examples for the basic functionalities needed in article writing. The examples provided in the next sections can be copied and modified as needed.

1.1 About eurostat class

The eurostat class is a custom class created to help Eurostat researchers to easily edit their articles with LaTeX and follow Eurostat graphical guidelines.

1.1.1 Packages used by Eurostat class

The eurostat class is based on the article class. The list of the packages used by eurostat class is as follow:

```
\RequirePackage[a4paper]{geometry}
\RequirePackage[table,xcdraw]{xcolor}
\RequirePackage[explicit]{titlesec} % Required for the titles formating
\RequirePackage{fancyhdr} % require for header and footer
\RequirePackage{marvosym} % required for the symbols
\RequirePackage{xparse} % required for unnumbered section names in header
\RequirePackage{graphicx} % Required for including pictures
\RequirePackage{caption} % Required for caption format
\RequirePackage[subcaption] % Required for caption in multi plots
\RequirePackage[hang,flushmargin]{footmisc} % Required for footnotes (kill the indentation)
\RequirePackage{pdflscape} % Required for landscape pages
\RequirePackage{multirow} % Required for tables
\RequirePackage{fontspec} %fonts
\RequirePackage{minted} %display code chunk
\RequirePackage{lipsum} % just to generate text for the example
\RequirePackage{tikz} % Required to draw
\RequirePackage[many]{tcolorbox} % Required for boxes
\RequirePackage[titles]{tocloft} % Required for the table of contents
\RequirePackage[natbib] % Required for quotes style
\RequirePackage{multicol,multirow}
\RequirePackage{amsmath,amssymb,amsfonts}
\RequirePackage{mathrsfs}
\RequirePackage{amsthm}
\RequirePackage{rotating}
\RequirePackage{appendix}
```

If you want to use any other packages, you can add them in the preamble of the main.tex file.

1.1.2 XeLatex

The eurostat class will only work with Xelatex. Due to the font used, Myriad Pro, we have to use the fontspec package which only works with Xelatex and lualatex. Eurostat class may work with lualatex but it is not tested.

1.2 Choosing the theme

Eurostat statistics cover a wide range of topics. These topics are organised in nine different themes reflecting a statistical category. Each publication refers to one of these themes shown in Figure 1.

Figure 1: List of themes

| | German | English | French |
|---------|--|----------------------------------|--------------------------------------|
| Theme 1 | Allgemeine und Regionalstatistiken | General and regional statistics | Statistiques générales et régionales |
| Theme 2 | Wirtschaft und Finanzen | Economy and finance | Economie et finances |
| Theme 3 | Bevölkerung und soziale Bedingungen | Population and social conditions | Population et conditions sociales |
| Theme 4 | Industrie, Handel und Dienstleistungen | Industry, trade and services | Industrie, commerce et services |
| Theme 5 | Landwirtschaft und Fischerei | Agriculture and fisheries | Agriculture et pêche |
| Theme 6 | Internationaler Handel | International trade | Commerce international |
| Theme 7 | Verkehr | Transport | Transports |
| Theme 8 | Umwelt und Energie | Environment and energy | Environnement et énergie |
| Theme 9 | Wissenschaft und Technologie | Science and technology | Science et technologie |

Each Eurostat theme is distinguished by a different colour. The colours chosen for the themes are all medium tones, so that black text as well as white text, when used with these colours, remains readable. The use of these colours on the cover pages, in the layout and for data visualisation strongly contributes to the identification of Eurostat's publications. They are founding elements of the graphical charter (Figure 2 and Figure 3).

Figure 2: Theme colours

| | C | M | Y | K | R | G | B | Hexadecimal |
|---------|----|----|-----|----|-----|-----|-----|-------------|
| Theme 1 | 85 | 55 | 0 | 0 | 70 | 110 | 180 | #466eb4 |
| Theme 2 | 20 | 85 | 5 | 0 | 175 | 75 | 145 | #af4b91 |
| Theme 3 | 0 | 40 | 100 | 0 | 230 | 165 | 50 | #e6a532 |
| Theme 4 | 95 | 10 | 0 | 0 | 0 | 160 | 225 | #00a0e1 |
| Theme 5 | 65 | 0 | 100 | 5 | 125 | 175 | 75 | #7daf4b |
| Theme 6 | 0 | 90 | 70 | 10 | 185 | 60 | 70 | #b93c46 |
| Theme 7 | 20 | 0 | 100 | 15 | 185 | 195 | 55 | #961e2d |
| Theme 8 | 90 | 0 | 40 | 0 | 65 | 175 | 170 | #41afaa |
| Theme 9 | 0 | 75 | 100 | 0 | 215 | 100 | 45 | #d7642d |

Figure 3: Colours palette

The colors of this template can be modified to correspond to one of the 9 themes with a simple modification. To select the topic corresponding to your article, please find the command `\documentclass[]{}{}` at the beginning of the main.tex file. Then you need to change the option. Available options are:

Table 1: Class eurostat options

| Option | Topic |
|--------|----------------------------------|
| Theme1 | General and regional statistics |
| Theme2 | Economy and finance |
| Theme3 | Population and social conditions |
| Theme4 | Industry, trade and services |
| Theme5 | Agriculture and fisheries |
| Theme6 | International trade |
| Theme7 | Transport |
| Theme8 | Environment and energy |
| Theme9 | Science and technology |

For instance, if you want to use Theme 8, the `\documentclass[]{}{}` command should be :

```
\documentclass[Theme8]{{template_material/eurostat}}
```

1.3 Editing cover image and co-editions logo

To edit any of the graphical elements of the cover, go to the cover.tex file in the template_material folder. You will find a section delimited by a comment called "editable graphical elements".

The graphical elements are defined by `\includegraphics[]{}{}` commands. Each of the `\includegraphics[]{}{}` commands are included in a `\draw` command.

```
%----- editable graphical elements -----  
  
% cover picture  
\draw (current page.north) ++ (0mm,-79mm) node[name=cover_picture,below]{%  
    \includegraphics[width=21cm,height=19cm]{%  
        template_material/PicturesFiles/coverage_photo.PNG}  
};  
  
% co edition logo 1/1  
\draw (current page.south west) ++ (38mm,12mm) node[name=coeditorlogo1, right]{%  
    \includegraphics[height=23mm]{template_material/PicturesFiles/co-edition-logo-1.jpg}  
};  
  
% co edition logo 1/2  
\draw (current page.south west) ++ (10mm,12mm) node[name=coeditorlogoA, right]{%  
    \includegraphics[height=23mm]{%  
        template_material/PicturesFiles/co-edition-logo-1.jpg}  
};  
  
% co edition logo 2/2  
\draw (current page.south west) ++ (65mm,12mm) node[name=coeditorlogoB, right]{%  
    \includegraphics[height=18mm]{%  
        template_material/PicturesFiles/co-edition-logo-2.png}  
};  
%----- end of the editable graphical elements -----
```

Also, you can easily create your own cover page by copying and editing the `cover.tex` file. After renaming your copy, and can put it in another folder, to include it in your article, go to the `main.tex` file, find and edit the following command to adjust the path of the cover file :

```
\include{template_material/cover}
```

1.3.1 Cover picture

To edit the cover picture, find the `\includegraphics[]{} commands` below the comment "% cover picture", then edit the picture path as desired.

To be displayed correctly, the picture must be 210 mm width and 190 mm height.

1.3.2 co-editors logo

You can choose between the following three situations:

1. There is no co-editor
2. There is one co-editor
3. There is two co-editors

1.3.2.1 NO CO-EDITOR

In the first case, no co-editor, you must edit the cover.tex file to comment all of the co-editors logo pictures as in the following example:

```
%----- editable graphical elements -----  
  
% cover picture  
\draw (current page.north) ++ (0mm,-79mm) node[name=cover_picture,below]{%  
    \includegraphics[width=21cm,height=19cm]{%  
        template_material/PicturesFiles/coverpage_photo.PNG}  
};  
  
% co edition logo 1/1  
% \draw (current page.south west) ++ (38mm,12mm) node[name=coeditorlogo1, right]{%  
    \includegraphics[height=23mm]{template_material/PicturesFiles/co-edition-logo-1.jpg}  
};  
  
% co edition logo 1/2  
% \draw (current page.south west) ++ (10mm,12mm) node[name=coeditorlogoA, right]{%  
    \includegraphics[height=23mm]{%  
        template_material/PicturesFiles/co-edition-logo-1.jpg}  
};  
  
% co edition logo 2/2  
% \draw (current page.south west) ++ (65mm,12mm) node[name=coeditorlogoB, right]{%  
    \includegraphics[height=18mm]{%  
        template_material/PicturesFiles/co-edition-logo-2.png}  
};  
  
%----- end of the editable graphical elements -----
```

1.3.2.2 ONE CO-EDITOR

In the second case, only one co-editor, you must edit the cover.tex file to comment the co-editors logo pictures 1/2 and 2/2 as in the following example. Then, you must edit the co-editor logo path in the \includegraphics[]{} command.

```
%----- editable graphical elements -----  
  
% cover picture  
\draw (current page.north) ++ (0mm,-79mm) node[name=cover_picture,below]{%  
    \includegraphics[width=21cm,height=19cm]{%  
        template_material/PicturesFiles/coverpage_photo.PNG}  
};  
  
% co edition logo 1/1  
\draw (current page.south west) ++ (38mm,12mm) node[name=coeditorlogo1, right]{%  
    \includegraphics[height=23mm]{template_material/PicturesFiles/co-edition-logo-1.jpg}  
};  
  
% co edition logo 1/2  
\draw (current page.south west) ++ (10mm,12mm) node[name=coeditorlogoA, right]{%  
    \includegraphics[height=23mm]{%  
        template_material/PicturesFiles/co-edition-logo-1.jpg}  
};  
  
% co edition logo 2/2
```

```
% co edition logo 2/2
% \draw (current page.south west) ++ (65mm,12mm) node[name=coeditorlogoB, right]{%
%   \includegraphics[height=18mm]{%
%     template_material/PicturesFiles/co-edition-logo-2.png}
% };

%----- end of the editable graphical elements -----
```

1.3.2.3 TWO CO-EDITORS

In the third case, two co-editors, you must edit the cover.tex file to comment the co-editor logo pictures 1/1 as in the following example. Then, you must edit the co-editors logo paths in the \includegraphics [] {} commands.

```
%----- editable graphical elements -----
% cover picture
\draw (current page.north) ++ (0mm,-79mm) node[name=cover_picture,below]{%
  \includegraphics[width=21cm,height=19cm]{%
    template_material/PicturesFiles/coverpage_photo.PNG}
};

% co edition logo 1/1
% \draw (current page.south west) ++ (38mm,12mm) node[name=coeditorlogo1, right]{%
%   \includegraphics[height=23mm]{template_material/PicturesFiles/co-edition-logo-1.jpg}
% };

% co edition logo 1/2
\draw (current page.south west) ++ (10mm,12mm) node[name=coeditorlogoA, right]{%
  \includegraphics[height=23mm]{%
    template_material/PicturesFiles/co-edition-logo-1.jpg}
};

% co edition logo 2/2
\draw (current page.south west) ++ (65mm,12mm) node[name=coeditorlogoB, right]{%
  \includegraphics[height=18mm]{%
    template_material/PicturesFiles/co-edition-logo-2.png}
};

%----- end of the editable graphical elements -----
```

1.3.2.4 ADJUSTING LOGO SIZE

The displayed size of the co-editors logo could be adjusted using the height option of the \includegraphics [] {} command.

1.4 Defining the title, the year and the authors list

In the preamble of the main.tex file you will find a section called "document variables". Here you can edit the year, the title and the authors list of your article.

```
%----- Document variables -----
% The 3 commands below have to be specified by user.
% They define variables that are displayed in different places in the document.
% These locations are indicated in comments for each variable

\newcommand{\Articleedition}{2019 edition} % Cover, title
\newcommand{\Articleauthors}{Author One, Author Two, Author Three} % Cover, title
\newcommand{\Articletitle}{Eurostat Style Sheet} % Cover, title, footer
```

1.5 The copyright page

Like the cover page, the copyright page is defined by a separate .tex file. You can find it in the template_material folder and include it in the main.tex file with the following command.

```
\include{template_material/copyright_page}
```

You can copy and edit your own version of the copyright page, and edit the path in the corresponding \include{} command in the main.tex file.

1.6 Numbered and unnumbered sections

The unnumbered sections should not be used after the first numbered section and before the last numbered section. The Header show the name and the number of the section. If an unnumbered section is used the header will not display the section number. The other unnumbered levels can be used anywhere in the document.

Section numbering in headers

It is necessary to use the \newpage command before the \section{} command. If the \newpage command is missing, you will notice section numbering errors in the headers.
In addition use \mbox{} in the title and section headers for long words to avoid hyphenation.

1.7 The template material folder

The template_material folder contains all the necessary files to use the style sheet and should not be edited.

You can copy the elements that you need to modify and then change the paths to these elements in the main.tex file.

The main_copy.tex file is a backup of the main.tex file. If you change something by accident in the process of writing your article, you can use the main_copy.tex file to fix it.

2

Numbered sections and subsections titles

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2.1 H1 Sub section title

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2.1.1.1.1 H4 Sub paragraph title

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H1 Unnumbered sections and subsections titles

The unnumbered section should not be used after the first numbered section and before the last numbered section. The Header show the name and the number of the section. If an unnumbered section is used the header will not show the number.

H2 Sub section title unnumbered

The other levels could be use anywhere in the document.

H3 SUB SUB SECTION TITLE UNNUMBERED

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H4 Paragraph title unnumbered

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H5 Sub paragraph title unnumbered

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3

Section and subsection title with lorem

3.1 H1 Sub section title H1

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3.1.1 H2 The sub section title H2

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

3.1.1.1 H3 THE SUB SUB SUB SECTION TITLE H3

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3.1.1.1.1 H4 sub paragraph H4

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4

Unordered lists and ordered lists

4.1 Unordered lists

- First Level
 - Second Level
 - Third Level
 - Fourth Level

4.2 Ordered lists

1. First level item
2. First level item
 - a. Second level item
 - b. Second level item
 - i. Third level item
 - ii. Third level item
 1. Fourth level item
 2. Fourth level item

5

Hyperlinks

Here is an hyperlink to Eurostat main page : [Eurostat](#)

Here is an example for a simple url display : <https://ec.europa.eu/eurostat/fr/home>

6

Boxes

Box title

This is the text formatted by the boxed environment

- Body bullet list

Box title

Body text

Body theme colour bold (you can also put some coloured text inside)

Background = theme colour 20

Box title white

Body white bold

Background = theme colour

This kind of box should be avoided for content with more than 15 lines

7

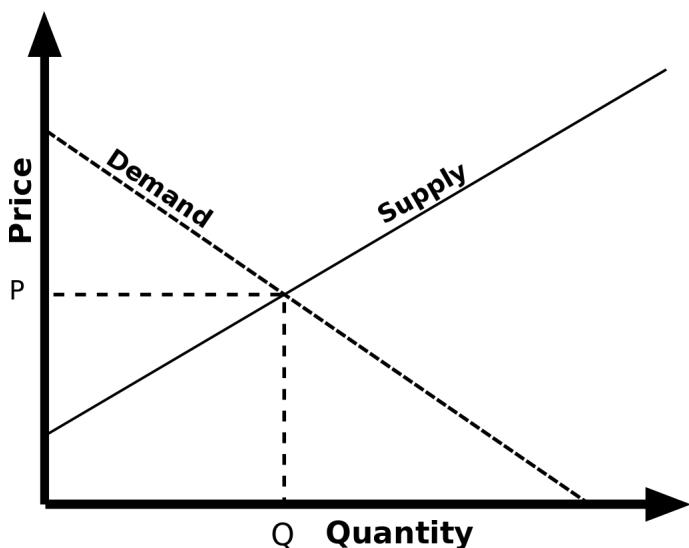
Figures

7.1 Left aligned figure

Here is an example for inserting a figure with caption and reference : You can cite your figure in your text like this : figure 4

Please be carefull to keep the `\caption{}` command at the begening of the figure environment. According to the Eurostat graphical guidelines, the caption have to be always placed above the figure.

Figure 4: a nice plot

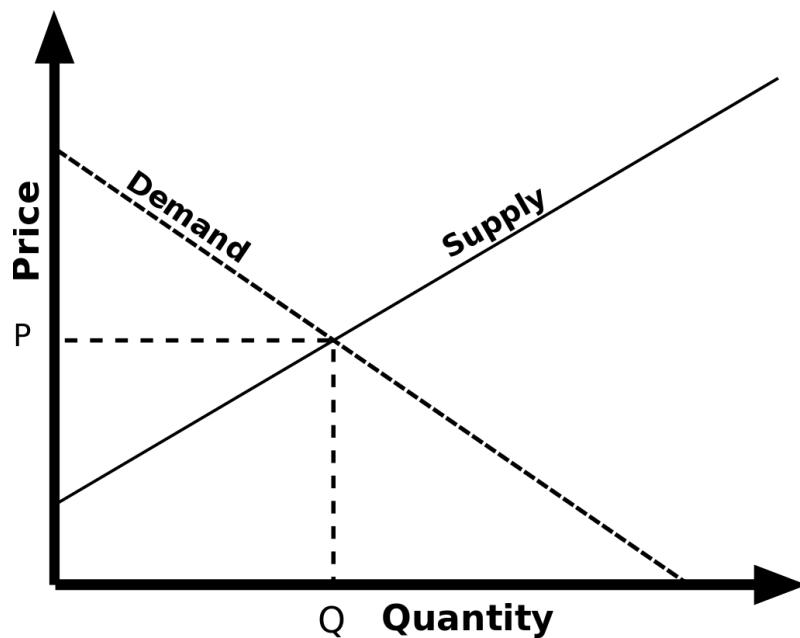


7.2 Centered figure

Here is an exemple of a centered figure. You have to use the `\centering` command just before the `\includegraphics` command. As you can see, the caption is always aligned left with the left margin even if the figure is centered.

Please be carefull to keep the `\caption{}` command at the begening of the figure environment. Accordind to the Eurostat graphical guidelines, the caption have to be always placed above the figure.

Figure 5: a centered figure

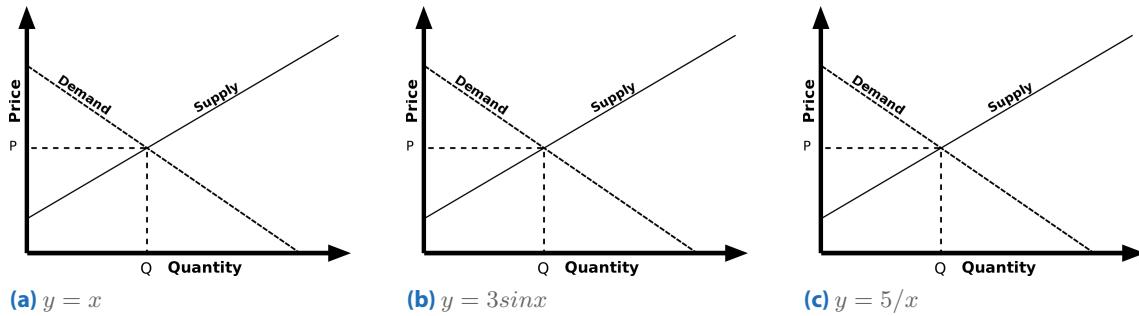


7.3 Subfigures

Here is an example of how to insert subfigures.

Please be careful to keep the `\caption{}` command at the beginning of the figure environment. According to the Eurostat graphical guidelines, the caption have to be always placed above the figure.

Figure 6: Three simple graphs



8

Footnotes

Here is an example for how to insert footnotes. ⁽⁴⁾

⁽⁴⁾ footnotes working fine

9

Equations

Equations in \LaTeX can either be inline or on-a-line by itself. For inline equations use the \$. . . \$ commands.
Eg: The equation $H\psi = E\psi$ is written via the command $H\psi = E\psi$.

For on-a-line by itself equations (with auto generated equation numbers) one can use the equation or eqnarray environments D .

$$\mathcal{L} = i\psi\gamma^\mu D_\mu\psi - \frac{1}{4}F_{\mu\nu}^a F^{a\mu\nu} - m\psi\psi \quad (1)$$

where,

$$\begin{aligned} D_\mu &= \partial_\mu - ig\frac{\lambda^a}{2}A_\mu^a \\ F_{\mu\nu}^a &= \partial_\mu A_\nu^a - \partial_\nu A_\mu^a + gf^{abc}A_\mu^b A_\nu^c \end{aligned} \quad (2)$$

Notice the use of `\nonumber` in the align environment at the end of each line, except the last, so as not to produce equation numbers on lines where no equation numbers are required. The `\label{}` command should only be used at the last line of an align environment where `\nonumber` is not used.

$$Y_\infty = \left(\frac{m}{\text{GeV}} \right)^{-3} \left[1 + \frac{3 \ln(m/\text{GeV})}{15} + \frac{\ln(c_2/5)}{15} \right] \quad (3)$$

The class file also supports the use of `\mathbb{R}`, `\mathscr{R}` and `\mathcal{R}` commands. As such `\mathbb{R}`, `\mathscr{R}` and `\mathcal{R}` produces \mathbb{R} , \mathscr{R} and \mathcal{R} respectively.

An example with sub-equations:

$$\min_{a,b,c} \frac{1}{2}\mathbf{w}^T \mathbf{w} + C \sum_{i=1}^l \xi_i \quad (4a)$$

$$y_i (\mathbf{w}^T \phi(x_i) + b) \quad (4b)$$

Here is an example for a very large multiline equation:

$$\begin{bmatrix} y_{1,1t} \\ y_{1,2t} \\ y_{2,1t} \\ y_{2,2t} \end{bmatrix} = \begin{bmatrix} \mu_{1,1t} \\ \mu_{1,2t} \\ \mu_{2,1t} \\ \mu_{2,2t} \end{bmatrix} + \begin{bmatrix} A_{11,11,t} & A_{11,12,t} & A_{11,21,t} & A_{11,22,t} \\ A_{12,11,t} & A_{12,12,t} & A_{12,21,t} & A_{12,22,t} \\ A_{21,11,t} & A_{21,12,t} & A_{21,21,t} & A_{21,22,t} \\ A_{22,11,t} & A_{22,12,t} & A_{22,21,t} & A_{22,22,t} \end{bmatrix} \begin{bmatrix} y_{1,1t-1} \\ y_{1,2t-1} \\ y_{2,1t-1} \\ y_{2,2t-1} \end{bmatrix} + \begin{bmatrix} B_{11,1t} \\ B_{12,1t} \\ B_{21,1t} \\ B_{22,1t} \end{bmatrix} x_{1,t} + \begin{bmatrix} \varepsilon_{1,1t} \\ \varepsilon_{1,2t} \\ \varepsilon_{2,1t} \\ \varepsilon_{2,2t} \end{bmatrix}, \quad (5)$$

with

$$\Sigma_{\varepsilon t} = \begin{bmatrix} \sigma_{11,11,t} & \sigma_{11,12,t} & \sigma_{12,11,t} & \sigma_{12,12,t} \\ \sigma_{11,21,t} & \sigma_{11,22,t} & \sigma_{12,21,t} & \sigma_{12,22,t} \\ \sigma_{21,11,t} & \sigma_{21,12,t} & \sigma_{22,11,t} & \sigma_{22,12,t} \\ \sigma_{21,21,t} & \sigma_{21,22,t} & \sigma_{22,21,t} & \sigma_{22,22,t} \end{bmatrix}.$$

10

Tables

10.1 Creating a simple table

The tabular environment is flexible, you can put separator lines in between each column.

Table 2: Caption text.

| column 1 | column 2 | column 3 | column 4 |
|----------|----------|----------|----------|
| row 1 | data 1 | data 2 | data 3 |
| row 2 | data 4 | data 5 | data 6 |
| row 3 | data 7 | data 8 | data 9 |

Table 3: Simple table

| | | |
|-------|-------|-------|
| cell1 | cell2 | cell3 |
| cell4 | cell5 | cell6 |
| cell7 | cell8 | cell9 |

10.2 Combining rows and columns

Rows and columns can be combined in a bigger cell. The example below is an example of the multicolumn command to combine columns. To cite a table you can use the command `ref{}`, for exemple here is a reference to table 4

Table 4: Table with combined rows and columns

| Country List | | | |
|---------------------------|------------------|------------------|------------------|
| Country Name or Area Name | ISO ALPHA 2 Code | ISO ALPHA 3 Code | ISO numeric Code |
| Belgium | BE | BEL | 056 |
| Austria | AT | AUT | 040 |
| Croatia | HR | HRV | 191 |
| Germany | DE | DEU | 276 |
| Denmark | DK | DNK | 208 |
| Hungary | HU | HUN | 348 |
| Poland | PL | POL | 616 |

10.3 Large table in a landscape page

Complex tables could be generated with online tools like <https://www.tablesgenerator.com/>

Table 5: Table generated with [tablesgenerator.com](https://www.tablesgenerator.com/)

| column 1 | column 2 | column 3 | column 4 | column 5 | column 6 | column 7 | column 8 | column 9 | column 10 |
|----------|----------|----------|----------|----------------------|----------|----------|----------|----------|-----------|
| row 1 | cell | cell | cell | cell | cell | cell | cell | cell | cell cell |
| row 2 | cell | cell | cell | vertical merged cell | cell | cell | cell | cell | cell cell |
| row 3 | cell | cell | cell | | cell | cell | cell | cell | cell cell |

Table 6: Averages of relative MAE/RMSFE across forecasting horizons.

| | GDP | | | | | | | | IP | | | | | | | |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|-------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | DE | | FR | | IT | | UK | | DE | | FR | | IT | | UK | |
| | MAE | RMSFE | MAE | RMSFE | MAE | RMSFE | MAE | RMSFE | MAE | RMSFE | MAE | RMSFE | MAE | RMSFE | MAE | RMSFE |
| Naive | 0.992 | 0.990 | 1.220 | 1.195 | 1.027 | 1.076 | 1.474 | 1.402 | 1.384 | 1.302 | 1.443 | 1.407 | 1.394 | 1.385 | 1.405 | 1.384 |
| AR(1) | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| LR-MF-T1 | 0.965 | 0.945 | 0.962 | 0.919 | 0.994 | 1.076 | 1.028 | 1.020 | 1.007 | 1.023 | 1.016 | 1.026 | 1.008 | 0.999 | 1.011 | 1.012 |
| LR-G-T1 | 1.065 | 1.112 | 0.950 | 0.903 | 1.049 | 1.064 | 1.053 | 1.052 | 0.995 | 0.989 | 1.002 | 0.999 | 1.001 | 0.993 | 1.002 | 1.005 |
| LR-MFGR-T1 | 1.013 | 1.046 | 0.993 | 0.944 | 1.058 | 1.143 | 1.106 | 1.091 | 1.048 | 1.070 | 1.035 | 1.046 | 1.013 | 1.001 | 1.019 | 1.019 |
| LR-MF-T2 | 1.121 | 1.085 | 1.335 | 1.361 | 1.526 | 2.344 | 1.120 | 1.078 | 1.054 | 1.073 | 1.033 | 1.063 | 1.034 | 1.033 | 1.058 | 1.058 |
| LR-G-T2 | 1.072 | 1.103 | 1.128 | 1.096 | 1.205 | 1.213 | 1.158 | 1.136 | 1.024 | 1.011 | 1.039 | 1.032 | 1.038 | 1.028 | 1.028 | 1.043 |
| LR-MFGR-T2 | 1.164 | 1.130 | 1.488 | 1.517 | 1.641 | 2.352 | 1.355 | 1.284 | 1.121 | 1.130 | 1.091 | 1.129 | 1.079 | 1.074 | 1.086 | 1.091 |
| AR(1)-MF-T1 | 1.005 | 0.971 | 1.003 | 0.983 | 1.042 | 1.108 | 1.019 | 0.993 | 1.033 | 1.060 | 1.021 | 1.036 | 1.012 | 1.012 | 1.023 | 1.023 |
| AR(1)-G-T1 | 1.092 | 1.147 | 1.031 | 1.031 | 1.078 | 1.077 | 1.060 | 1.046 | 1.019 | 1.015 | 1.007 | 1.008 | 1.003 | 1.003 | 1.010 | 1.010 |
| AR(1)-MFGR-T1 | 1.056 | 1.063 | 1.034 | 1.012 | 1.089 | 1.178 | 1.103 | 1.068 | 1.069 | 1.103 | 1.038 | 1.052 | 1.015 | 1.013 | 1.031 | 1.032 |
| AR(1)-MF-T2 | 1.160 | 1.147 | 1.405 | 1.414 | 1.552 | 2.340 | 1.110 | 1.058 | 1.076 | 1.104 | 1.044 | 1.076 | 1.038 | 1.043 | 1.068 | 1.061 |
| AR(1)-G-T2 | 1.103 | 1.167 | 1.196 | 1.296 | 1.257 | 1.274 | 1.153 | 1.144 | 1.049 | 1.034 | 1.045 | 1.045 | 1.041 | 1.046 | 1.046 | 1.056 |
| AR(1)-MFGR-T2 | 1.251 | 1.231 | 1.644 | 1.670 | 1.714 | 2.503 | 1.381 | 1.288 | 1.141 | 1.153 | 1.104 | 1.143 | 1.080 | 1.093 | 1.100 | 1.098 |
| VAR(1) | 1.137 | 1.168 | 1.136 | 1.175 | 1.660 | 2.162 | 1.083 | 1.089 | 1.026 | 1.045 | 1.080 | 1.112 | 1.060 | 1.085 | 1.029 | 1.049 |
| VARX(1)-MF-T1 | 1.144 | 1.135 | 1.172 | 1.157 | 1.707 | 2.294 | 1.111 | 1.096 | 1.043 | 1.062 | 1.091 | 1.136 | 1.047 | 1.076 | 1.049 | 1.055 |
| VARX(1)-G-T1 | 1.251 | 1.352 | 1.161 | 1.199 | 1.729 | 2.312 | 1.156 | 1.160 | 1.041 | 1.055 | 1.102 | 1.158 | 1.056 | 1.083 | 1.041 | 1.056 |
| VARX(1)-MFGR-T1 | 1.222 | 1.278 | 1.182 | 1.171 | 1.757 | 2.402 | 1.258 | 1.231 | 1.074 | 1.097 | 1.121 | 1.199 | 1.046 | 1.071 | 1.059 | 1.062 |
| VARX(1)-MF-T2 | 1.350 | 1.401 | 1.502 | 1.522 | 1.752 | 2.366 | 1.197 | 1.135 | 1.088 | 1.111 | 1.108 | 1.171 | 1.085 | 1.119 | 1.102 | 1.110 |
| VARX(1)-G-T2 | 1.229 | 1.345 | 1.300 | 1.388 | 1.604 | 2.022 | 1.297 | 1.284 | 1.063 | 1.064 | 1.148 | 1.204 | 1.093 | 1.125 | 1.090 | 1.114 |
| VARX(1)-MFGR-T2 | 1.372 | 1.496 | 1.614 | 1.690 | 2.104 | 2.896 | 1.512 | 1.398 | 1.152 | 1.162 | 1.186 | 1.294 | 1.133 | 1.170 | 1.170 | 1.193 |
| PVAR(1)-GMM | 1.906 | 1.690 | 1.460 | 1.370 | 1.288 | 1.307 | 1.505 | 1.463 | 0.953 | 0.937 | 0.981 | 0.969 | 0.998 | 1.020 | 0.985 | 0.981 |
| PVAR(1)-OLSCFE | 1.014 | 1.037 | 1.057 | 1.063 | 0.967 | 1.087 | 1.108 | 1.086 | 0.988 | 0.985 | 1.017 | 1.021 | 1.036 | 1.033 | 1.005 | 1.010 |
| PVARX(1)-OLSCFE-MF-T1 | 0.963 | 0.986 | 1.064 | 1.065 | 1.038 | 1.197 | 1.105 | 1.076 | 1.007 | 1.000 | 1.044 | 1.043 | 1.029 | 1.024 | 1.019 | 1.018 |
| PVARX(1)-OLSCFE-G-T1 | 1.020 | 1.041 | 1.104 | 1.100 | 0.980 | 1.115 | 1.101 | 1.086 | 0.986 | 0.983 | 1.018 | 1.022 | 1.031 | 1.027 | 1.010 | 1.014 |
| PVARX(1)-OLSCFE-MFGR-T1 | 0.954 | 0.960 | 1.099 | 1.090 | 1.067 | 1.243 | 1.102 | 1.077 | 1.005 | 0.998 | 1.048 | 1.046 | 1.025 | 1.016 | 1.023 | 1.022 |
| PVARX(1)-OLSCFE-MF-T2 | 1.029 | 1.069 | 1.141 | 1.162 | 1.176 | 1.456 | 1.072 | 1.055 | 1.007 | 1.010 | 1.044 | 1.050 | 1.035 | 1.027 | 1.027 | 1.021 |
| PVARX(1)-OLSCFE-G-T2 | 1.034 | 1.040 | 1.192 | 1.178 | 0.995 | 1.095 | 1.125 | 1.109 | 0.993 | 0.984 | 1.031 | 1.030 | 1.033 | 1.031 | 1.015 | 1.018 |
| PVARX(1)-OLSCFE-MFGR-T2 | 1.026 | 1.048 | 1.258 | 1.261 | 1.181 | 1.441 | 1.081 | 1.073 | 1.015 | 1.010 | 1.061 | 1.061 | 1.032 | 1.021 | 1.035 | 1.030 |

10.4 Table with footnotes

Tables can be inserted via the normal table and tabular environment. To put footnotes inside tables one has to use the additional “fntable” environment enclosing the tabular environment. The footnote appears just below the table itself.

Table 7: Table with footnotes

| Projectile | Element 1 | | | Element 2 ⁽¹⁾ | | |
|------------|-----------|-----------------|-----------------|--------------------------|-----------------|-----------------|
| | Energy | σ_{calc} | σ_{expt} | Energy | σ_{calc} | σ_{expt} |
| Element 3 | 990 A | 1168 | 1547 ± 12 | 780 A | 1166 | 1239 ± 100 |
| Element 4 | 500 A | 961 | 922 ± 10 | 900 A | 1268 | 1092 ± 40 |

Note: This is an example of a long table footnote without marker, for this you have to use the `\blankfootnote{}` command, otherwise the normal `\footnote[]{}{}` command can be used providing the footnote mark in the squared bracket.

⁽¹⁾ This is an example of table footnote with footnote mark

Source: This is an example of a footnote for source in a table footnote without marker

10.5 Table display

According to the Eurostat graphical style guide, the following rules have to be followed :

- first column is aligned left
- following columns are aligned right
- titles rows are centered
- titles texts are bold
- titles rows background are coloured with 20% theme colour : use `\rowcolor{TH20p}` command
- aggregates rows background are coloured with 30% theme colour : use `\rowcolor{TH30p}` command
- Separation stroke are 100% K : use `\hlinesep` command

Table 8: Table coloured according to the graphical guidelines

| | 1997 | | 1999 | | 2001 |
|----------------|--------|--------|--------|--------|--------|
| | A | B | A | B | A |
| EU-28 | : | : | : | : | 27 947 |
| Belgium | 28 901 | 29 616 | 30 701 | 31 644 | 33 109 |
| Bulgaria | 896 | 1 216 | 1 330 | 1 436 | 1 518 |
| Czech Republic | : | : | : | : | : |
| Denmark | 36 235 | 37 209 | 39 515 | 40 962 | 41 661 |
| United Kingdom | : | 29 370 | 32 269 | 37 677 | 39 233 |
| Iceland | : | : | 32 311 | 37 639 | 34 101 |
| Norway | : | 31 456 | 33 741 | 36 202 | 38 604 |

11

Add references

For the references, the EU interinstitutional style guide should be followed: <http://publications.europa.eu/code/en/en-250904.htm>

To add references to Your article, you have to update the references_exemple.bib file. You could copy this file and create your own references file outside of the template_material folder. If you choose this method, You must update the references file path in the \bibliography command at the end of the document.

All the references in this file will be displayed in the references section because we use the command nocite{*}.

References

Einstein, A., *Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]*, Annalen der Physik, 1905, 322(10):891–921.

Goossens, M., Mittelbach, F., and Samarin, A., *The L^AT_EX Companion*, Addison-Wesley, Reading, Massachusetts, 1993.

Knuth, D., Knuth: Computers and typesetting, 1993.

Annex

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Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maece-nas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetur.

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