



Article Title

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ABSTRACT

In survival analysis, prediction models are needed as stand-alone tools and in applications of causal inference to estimate nuisance parameters. The super learner is a machine learning algorithm which combines a library of prediction models into a meta learner based on cross-validated loss. In right-censored data, the choice of the loss function and the estimation of the expected loss need careful consideration. We introduce the state learner, a new super learner for survival analysis, which simultaneously evaluates libraries of prediction models for the event of interest and the censoring distribution. The state learner can be applied to all types of survival models, works in the presence of competing risks, and does not require a single pre-specified estimator of the conditional censoring distribution. We establish an oracle inequality for the state learner and investigate its performance through numerical experiments. We illustrate the application of the state learner with prostate cancer data, as a stand-alone prediction tool, and, for causal inference, as a way to estimate the nuisance parameter models of a smooth statistical functional.

KEYWORDS: Competing risks, cross-validation, loss based estimation, right-censored data, super learner

INTRODUCTION

The introduction introduces the context and summarizes the manuscript. It is importantly to clearly state the contributions of this piece of work. 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. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

This is an example of a new paragraph with a numbered footnote¹ and a second footnote marker.²

¹ <https://data.gov.uk/>

² Example of footnote text.

THIS IS AN EXAMPLE FOR FIRST LEVEL HEAD - SECTION HEAD

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This is an example for second level head - subsection head

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This is an example for third level head - subsubsection head

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This is an example for fourth level head - paragraph head

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THIS IS AN EXAMPLE FOR FIRST LEVEL HEAD

This is an example for second level head - subsection head

This is an example for third level head - subsubsection head

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This is an example for fourth level head - paragraph head

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EQUATIONS

Equations in L^AT_EX can either be inline or set as display equations. For inline equations use the `$...$` commands. Eg: the equation $H\psi = E\psi$ is written via the command `\H \psi = E \psi`.

For display equations (with auto generated equation numbers) one can use the `equation` or `eqnarray` environments:

$$\|\tilde{X}(k)\|^2 \leq \frac{\sum_{i=1}^p \|\tilde{Y}_i(k)\|^2 + \sum_{j=1}^q \|\tilde{Z}_j(k)\|^2}{p+q}, \quad (1)$$

where,

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

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{}`, `\mathscr{}` and `\mathcal{}` commands. As such `\mathbb{R}`, `\mathscr{R}` and `\mathcal{R}` produces \mathbb{R} , \mathscr{R} and \mathcal{R} respectively (refer Subsubsection A.1.1).

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TABLES

Tables can be inserted via the normal `table` and `tabular` environment. To put footnotes inside tables one has to 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. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat

Table 1. Caption text

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

Source: This is an example of table footnote this is an example of table footnote this is an example of table footnote
this is an example of table footnote this is an example of table footnote

¹Example for a first table footnote.

²Example for a second table footnote.

nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim
id est laborum. use the additional “tablenotes” environment enclosing the tabular environment. The footnote
appears just below the table itself (refer Tables 1 and 2).

```
\begin{table}[t]
\begin{center}
\begin{minipage}{<width>}
\caption{<table-caption>\label{<table-label>}}%
\begin{tabular}{@{}llll@{}}
\toprule
column 1 & column 2 & column 3 & column 4\\
\midrule
row 1 & data 1 & data 2          & data 3 \\
row 2 & data 4 & data 5{1} & data 6 \\
row 3 & data 7 & data 8          & data 9{2}\\
\botrule
\end{tabular}
\begin{tablenotes}%
\item Source: Example for source.
\item[$^{1}$] Example for a 1st table footnote.
\item[$^{2}$] Example for a 2nd table footnote.
\end{tablenotes}
\end{minipage}
\end{center}
\end{table}
```

Lengthy tables which do not fit within textwidth should be set as rotated tables. For this, we need to use
`\begin{sidewaystable}...` instead of
`\begin{table}...` `\end{table}` environment.

Table 2. Example of a lengthy table which is set to full textwidth.

| Project | Element 1 ¹ | | | Element 2 ² | | |
|-----------|------------------------|-----------------|-----------------|------------------------|-----------------|-----------------|
| | 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 table footnote this is an example of table footnote this is an example of table footnote
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¹Example for a first table footnote.

²Example for a second table footnote.



Fig. 1. This is a widefig. This is an example of a long caption this is an example of a long caption
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Fig. 2. This is a widefig. This is an example of a long caption this is an example of a long caption
 this is an example of a long caption this is an example of a long caption

FIGURES

As per display L^AT_EX standards one has to use eps images for **latex** compilation and pdf/jpg/png images for **pdflatex** compilation. This is one of the major differences between **latex** and **pdflatex**. The images should be single-page documents. The command for inserting images for **latex** and **pdflatex** can be generalized. The package used to insert images in **latex**/**pdflatex** is the **graphicx** package. Figures can be inserted via the normal figure environment as shown in the below example:

```
\begin{figure}[t]
    \centering\includegraphics{<eps-file>}
    \caption{<figure-caption>}
    \label{<figure-label>}
\end{figure}
```

Table 3. Tables which are too long to fit, should be written using the “sidewaystable” environment as shown here

| Projectile | Element 1 ¹ | | | Element ² | | |
|------------|------------------------|-----------------|-----------------|----------------------|-----------------|-----------------|
| | 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 table footnote this is an example of a table footnote this is an example of a table footnote this is an example of a table footnote
this is an example of a table footnote

¹This is an example of a table footnote

Test text here.

For sample purposes, we have included the width of images in the optional argument of `\includegraphics` tag. Please ignore this. Lengthy figures which do not fit within `textwidth` should be set in rotated mode. For rotated figures, we need to use `\begin{sidewaysfigure} ... \end{sidewaysfigure}` instead of the `\begin{figure} ... \end{figure}` environment.

ALGORITHMS, PROGRAM CODES AND LISTINGS

Packages `algorithm`, `algorithmicx` and `algpseudocode` are used for setting algorithms in latex. For this, one has to use the below format:

```
\begin{algorithm}
\caption{<alg-caption>}\label{<alg-label>}
\begin{algorithmic}[1]
. . .
\end{algorithmic}
\end{algorithm}
```

You may need to refer to the above-listed package documentations for more details before setting an `algorithm` environment. To set program codes, one has to use the `program` package. We need to use the `\begin{program} ... \end{program}` environment to set program codes.

Similarly, for `listings`, one has to use the `listings` package. The `\begin{lstlisting} ... \end{lstlisting}` environment is used to set environments similar to the `verbatim` environment. Refer to the `lstlisting` package documentation for more details on this.

```
for i:=maxint to 0 do
begin
{ do nothing }
end;
Write('Case_insensitive_');
Write('Pascal_keywords.');
```

CROSS REFERENCING

Environments such as `figure`, `table`, `equation`, and `align` can have a label declared via the `\label{#label}` command. For figures and table environments one should use the `\label{}` command inside or just below the `\caption{}` command. One can then use the `\ref{#label}` command to cross-reference them. As an example, consider the label declared for Figure 1 which is `\label{fig1}`. To cross-reference it, use the command `Figure \ref{fig1}`, for which it comes up as “Figure 1”.

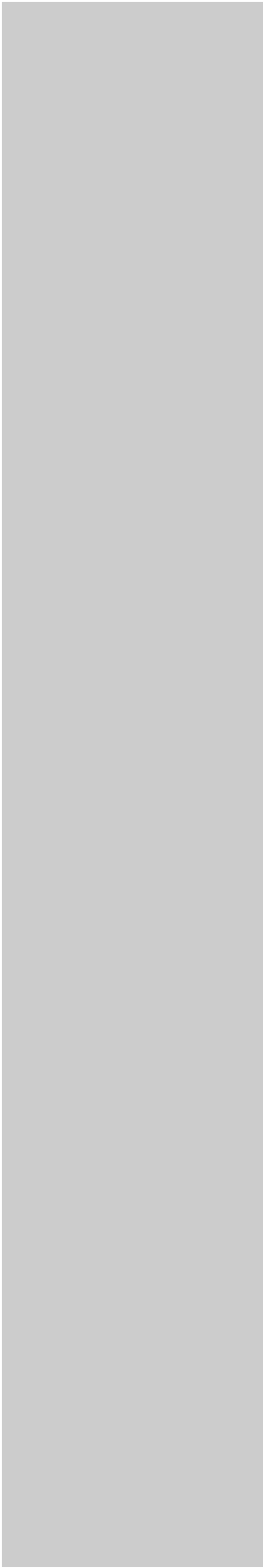


Fig. 3. This is an example for a sideways figure. This is an example of a long caption this is an example of a long caption this is an example of a long caption

Algorithm 1 Calculate $y = x^n$

Require: $n \geq 0 \vee x \neq 0$ **Ensure:** $y = x^n$

```

1:  $y \leftarrow 1$ 
2: if  $n < 0$  then
3:    $X \leftarrow 1/x$ 
4:    $N \leftarrow -n$ 
5: else
6:    $X \leftarrow x$ 
7:    $N \leftarrow n$ 
8: end if
9: while  $N \neq 0$  do
10:  if  $N$  is even then
11:     $X \leftarrow X \times X$ 
12:     $N \leftarrow N/2$ 
13:  else [ $N$  is odd]
14:     $y \leftarrow y \times X$ 
15:     $N \leftarrow N - 1$ 
16:  end if
17: end while

```

Details on reference citations

With standard numerical .bst files, only numerical citations are possible. With an author-year .bst file, both numerical and author-year citations are possible.

If author-year citations are selected, `\bibitem` must have one of the following forms:

```

\bibitem[Jones et al.(1990)]{key}...
\bibitem[Jones et al.(1990)Jones,
        Baker, and Williams]{key}...
\bibitem[Jones et al., 1990]{key}...
\bibitem[\protect\citeauthoryear{Jones,
        Baker, and Williams}
        {Jones et al.}{1990}]{key}...
\bibitem[\protect\citeauthoryear{Jones et al.}
        {1990}]{key}...
\bibitem[\protect\astroncite{Jones et al.}
        {1990}]{key}...
\bibitem[\protect\citename{Jones et al., }
        1990]{key}...
\harvarditem[Jones et al.]{Jones, Baker, and

```

Williams}{1990}{key}...

This is either to be made up manually, or to be generated by an appropriate .bst file with BibTeX. Then,

Author-year mode

```
|| Numerical mode
```

`\citet{key}` ==>> Jones et al. (1990)

|| Jones et al. [21]

`\citep{key}` ==>> (Jones et al., 1990) || [21]

Multiple citations as normal:

\citep{key1,key2} ==> (Jones et al., 1990;

Smith, 1989) || [21,24]

or (Jones et al., 1990, 1991) || [21,24]

or (Jones et al., 1990a,b) || [21,24]

`\cite{key}` is the equivalent of `\citet{key}` in author-year mode and of `\citep{key}` in numerical mode. Full author lists may be forced with `\citet*` or `\citep*`, e.g.

\citep*{key} ==> (Jones, Baker, and Mark, 1990)

Optional notes as:

`\citep[chap. 2]{key}` \Rightarrow

(Jones et al., 1990, chap. 2)

`\citep[e.g.,] [] {key}` ==>>

(e.g., Jones et al., 1990)

`\citep[see][pg. 34]{key} ==>>`

(see Jones et al., 1990, pg. 34)

(Note: in standard LaTeX, only one note is allowed, after the ref. Here, one note is like the standard, two make pre- and post-notes.)

`\citealt{key}` ==>> Jones et al. 1990

`\citealt*{key}` ==>> Jones, Baker, and

Williams 1990

\citealp{key} ==>> Jones et al., 1990

`\citealp*{key}` ==>> Jones, Baker, and

Williams, 1990

Additional citation possibilities (both author-year and numerical modes):

`\citeauthor{key}` ==>> Jones et al.

`\citeauthor*{key}` ==>> Jones, Baker, and

Williams

`\citeyear{key}` ==>> 1990

```

\citeyearpar{key}      ==>> (1990)
\citetext{priv. comm.} ==>> (priv. comm.)
\citenum{key}          ==>> 11 [non-superscripted]

```

Note: full author lists depend on whether the bib style supports them; if not, the abbreviated list is printed even when full is requested.

For names like della Robbia at the start of a sentence, use

```

\Citet{dRob98}      ==>> Della Robbia (1998)
\Citep{dRob98}      ==>> (Della Robbia, 1998)
\Citeauthor{dRob98} ==>> Della Robbia

```

The following is an example for `\cite{...}`: . Another example for `\citep{...}`: (; ; ;). Sample cites here ; and , , ; ; .

LISTS

List in L^AT_EX can be of three types: numbered, bulleted and unnumbered. The “enumerate” environment produces a numbered list, the “itemize” environment produces a bulleted list and the “unlist” environment produces an unnumbered list. In each environment, a new entry is added via the `\item` command.

1. This is the 1st item
2. Enumerate creates numbered lists, itemize creates bulleted lists and unnumberate creates unnumbered lists.
 - a. Second level numbered list. Enumerate creates numbered lists, itemize creates bulleted lists and description creates unnumbered lists.
 - b. Second level numbered list. Enumerate creates numbered lists, itemize creates bulleted lists and description creates unnumbered lists.
 - (i) Third level numbered list. Enumerate creates numbered lists, itemize creates bulleted lists and description creates unnumbered lists.
 - (ii) Third level numbered list. Enumerate creates numbered lists, itemize creates bulleted lists and description creates unnumbered lists.
 - c. Second level numbered list. Enumerate creates numbered lists, itemize creates bulleted lists and description creates unnumbered lists.
 - d. Second level numbered list. Enumerate creates numbered lists, itemize creates bulleted lists and description creates unnumbered lists.
3. Enumerate creates numbered lists, itemize creates bulleted lists and description creates unnumbered lists.
4. Numbered lists continue.

Lists in L^AT_EX can be of three types: enumerate, itemize and description. In each environment, a new entry is added via the `\item` command.

- First level bulleted list. This is the 1st item
- First level bulleted list. Itemize creates bulleted lists and description creates unnumbered lists.
 - Second level dashed list. Itemize creates bulleted lists and description creates unnumbered lists.
 - Second level dashed list. Itemize creates bulleted lists and description creates unnumbered lists.
 - Second level dashed list. Itemize creates bulleted lists and description creates unnumbered lists.
- First level bulleted list. Itemize creates bulleted lists and description creates unnumbered lists.
- First level bulleted list. Bullet lists continue.

Example for unnumbered list items:

Sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text.

Sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text.

sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text. Sample unnumberd list text.

EXAMPLES FOR THEOREM-LIKE ENVIRONMENTS

For theorem-like environments, we require the `amsthm` package. There are three types of predefined theorem styles - `thmstyleone`, `thmstyletwo` and `thmstylethree` (check your journal's instructions page in case a specific style is required).

| | |
|----------------------------|---|
| <code>thmstyleone</code> | Numbered, theorem head in bold font and theorem text in italic style |
| <code>thmstyletwo</code> | Numbered, theorem head in roman font and theorem text in italic style |
| <code>thmstylethree</code> | Numbered, theorem head in bold font and theorem text in roman style |

Theorem 1 (Theorem subhead) *Example theorem text. Example theorem text. Example theorem text. Example theorem text. Example theorem text. Example theorem text. Example theorem text. Example theorem text. Example theorem text. Example theorem text. Example theorem text. Example theorem text.*

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.

Proposition 2 *Example proposition text. Example proposition text. Example proposition text. Example proposition text. Example proposition text. Example proposition text. Example proposition text. Example proposition text. Example proposition text. Example proposition text. Example proposition text.*

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante.

Example 1 *Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem.*

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante.

Remark 1 *Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem.*

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.

Definition 1 (Definition sub head) Example definition text. Example definition text. Example definition text. Example definition text. Example definition text. Example definition text. Example definition text.

Apart from the above styles, we have the `\begin{proof} ... \end{proof}` environment - with the proof head in italic style and the body text in roman font with an open square at the end of each proof environment.

Proof Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. □

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi.

Proof of Theorem 1 Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. Example for proof text. □

For a quote environment, one has to use

`\begin{quote}...\end{quote}`

Quoted text example. Aliquam porttitor quam a lacus. Praesent vel arcu ut tortor cursus volutpat. In vitae pede quis diam bibendum placerat. Fusce elementum convallis neque. Sed dolor orci, scelerisque ac, dapibus nec, ultricies ut, mi. Duis nec dui quis leo sagittis commodo.

Donec congue. Maecenas urna mi, suscipit in, placerat ut, vestibulum ut, massa. Fusce ultrices nulla et nisl (refer Figure 3). Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Etiam ligula arcu, elementum a, venenatis quis, sollicitudin sed, metus. Donec nunc pede, tincidunt in, venenatis vitae, faucibus vel (refer Table 3).

CONCLUSION

Some Conclusions here.

SECTION TITLE OF FIRST APPENDIX

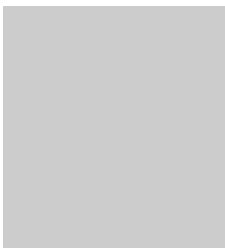
Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Subsection title of first appendix

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Subsubsection title of first appendix

Example for an unnumbered figure:



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.

SECTION TITLE OF SECOND APPENDIX

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Table 4. This is an example of Appendix table showing food requirements of army, navy and airforce

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Subsection title of second appendix

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Fig. 4. This is an example for appendix figure

Example for an equation inside the appendix:

$$p = \frac{\gamma^2 - (n_C - 1)H}{(n_C - 1) + H - 2\gamma}, \quad (4)$$

$$\theta = \frac{(\gamma - H)^2(\gamma - n_C - 1)^2}{(n_C - 1 + H - 2\gamma)^2}. \quad (5)$$

EXAMPLE OF ANOTHER APPENDIX SECTION

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris

$$\mathcal{L} = i\bar{\psi}\gamma^\mu D_\mu\psi - \frac{1}{4}F_{\mu\nu}^a F^{a\mu\nu} - m\bar{\psi}\psi. \quad (6)$$

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. Maecenas 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.

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Table 5.

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COMPETING INTERESTS

No competing interest is declared.

AUTHOR CONTRIBUTIONS STATEMENT

Must include all authors, identified by initials, for example: S.R. and D.A. conceived the experiment(s), S.R. conducted the experiment(s), S.R. and D.A. analysed the results. S.R. and D.A. wrote and reviewed the manuscript.


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