

European Journal for Biomedical Informatics: Instructions to Authors for the Preparation of Contributions

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Abstract

The abstract should summarize the contents of the paper and should not exceed 250 words. Authors are requested to write a structured summary, adhering to the following headings: Background (optional), Objectives, Methods, Results, Conclusions.

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1 Introduction

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Headings should be capitalized (i.e. nouns, verbs, and all other words except articles, prepositions, and conjunctions should be set with an initial capital) and should be aligned to the left. Words joined by a hyphen are subject to a special rule. If the first word can stand alone, the second word should be capitalized.

Lemmas, Propositions, and Theorems

The numbers accorded to lemmas, propositions, and theorems, etc. appear in consecutive order, starting with Lemma 1, and not, for example, with Lemma 11.

2.1 Figures and Tables

Attach figures and tables as separate files. Do not integrate them into the text. Do not save your table as an image file or insert a table into your manuscript text document as an image.

Basics of Graphic Composition

Less is more! Avoid tables with columns of numbers. Summarise the main conclusion in a figure.

- Annotations belong in a (self-)explanatory legend, do not use headings in the figure, explain abbreviations in the legend.
- Label all axes.
- Use a uniform type size (we recommend Arial 10 point), and avoid borders around tables and figures.

Data Formats

- Submit graphics as a sharp printout as well as a file. The printout and the file must be identical.
- Submit the image file with clear labelling (e.g. Fig_1 instead of joint_ap).

Image Resolution

Image resolution is the number of dots per width of 1 inch, the "dots per inch" (dpi). Printing images require a resolution of 800 dpi for graphics and 300 dpi for photographs.

Vector graphics have no resolution problems. Some programs produce images not with a limited number of dots but as a vector graphic. Vectorisation eliminates the problem of resolution. However, if halftone images ("photos") are copied into such a program, these images retain their low resolution.

If screenshots are necessary, please make sure that you are happy with the print quality before you send the files.

Figures and Tables in L^AT_EX

For L^AT_EX users, we recommend using the *ejbi-figure* environment (Figure 1 shows an example). The lettering in figures should have a height of 2 mm (10-point type). Figures should be numbered and should have a caption which should always be positioned *under* the figures, in contrast to the caption belonging to a table, which should always appear *above* the table (see an example in Table 1). Short captions are centred by default between the margins and typeset automatically in a smaller font.

Table 1: Age, period, cohort modelling of coronary heart mortality, men, 30-74 yrs., Czech Republic, 1980-2004

No.	Model	D	df	p-value
0	Interception	355388.0	44	<0.001
1	Age	15148.0	36	<0.001
2	Age-Drift	3255.5	35	<0.001
3a	Age-Age*Drift	2922.5	27	<0.001
3b	Age-Period	388.2	32	<0.001
3c	Age-Cohort	1872.6	24	<0.001
4	Age-Period-Cohort	28.7	21	0.121

Remark 1. In the printed volumes, illustrations are generally black and white (halftones), and only in exceptional cases, and if the author is prepared to cover the extra cost for colour reproduction, are coloured pictures accepted. Coloured pictures are welcome in the electronic version free of charge. If you send coloured figures that are to be printed in black and white, please make sure that they really are legible in black and white. Some colours as well as the contrast of converted colours show up very poorly when printed in black and white.

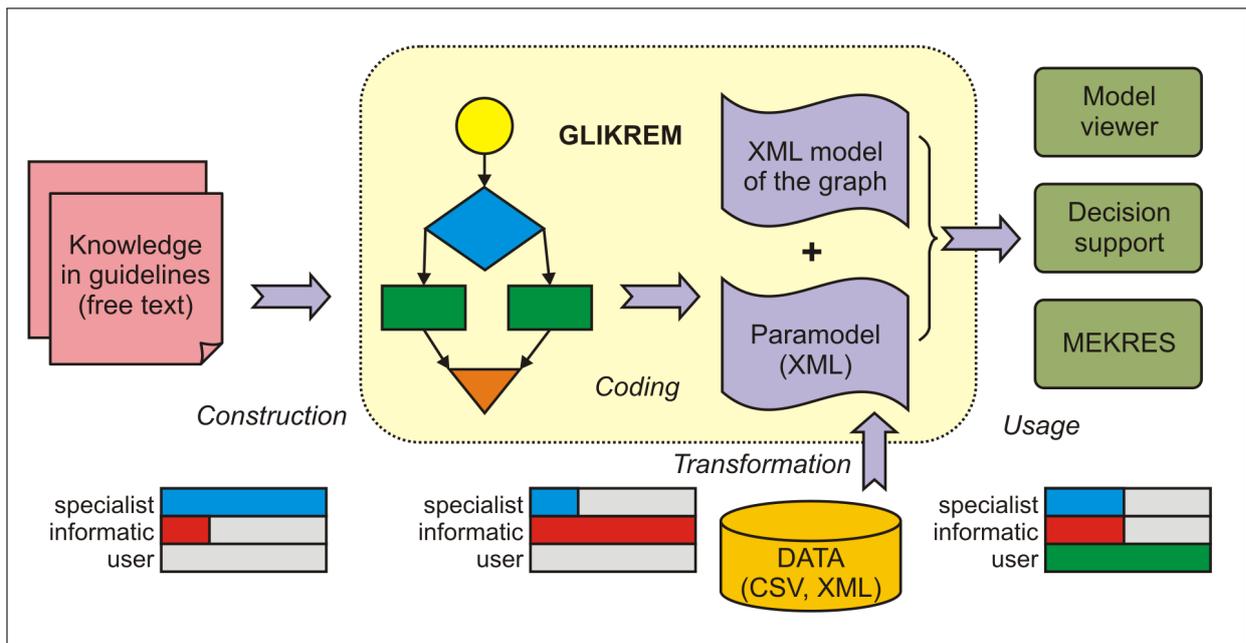


Figure 1: Construction, coding and use of GLIKREM

2.2 Formulas

Displayed equations or formulas are centred and set on a separate line (with an extra line or halfline space above and below). Displayed expressions should be numbered for reference. The numbers should be consecutive within each section or within the contribution, with numbers enclosed in parentheses and set on the right margin – which is the default if you use the *equation* environment, e.g.

$$\psi(u) = \int_0^T \left[\frac{1}{2} (\Lambda_o^{-1} u, u) + N^*(-u) \right] dt. \quad (1)$$

Please punctuate a displayed equation in the same way as the ordinary text but with a small space before the end punctuation.

2.3 Footnotes

The superscript numeral used to refer to a footnote appears in the text either directly after the word to be discussed or – in relation to a phrase or a sentence – following the punctuation sign (comma, semicolon, or period). Footnotes should appear at the bottom of the normal text area, with a line of about 2 cm set immediately above them.¹

2.4 Program Code

Program listings or program commands in the text are normally set in a typewriter font, e.g. CMTT10 or Courier.

¹The footnote numeral is set flush left and the text follows with the usual word spacing.

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The list of references is headed "References" and is not assigned a number. The list should be set in small print and placed at the end of your contribution, in front of the appendix, if one exists. Please do not insert a pagebreak before the list of references if the page is not completely filled. An example is given at the end of this information sheet.

For citations in the text please use square brackets and consecutive numbers: [1], [2, 3, 4]...

In the text number the references consecutively in the order in which they first appear. Use the style, which is based on the formats used by the US National Library of Medicine in MEDLINE (sometimes called the "Vancouver style"). For details see the guidelines from the International Committee of Medical Journal Editors (http://www.nlm.nih.gov/bsd/uniform_requirements.html).

2.6 Page Numbering and Running Heads

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3 EJBI Online

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Acknowledgements

Scientific advice, technical assistance, and credit for financial support and materials may be grouped in a section headed "Acknowledgements" that will appear at the end

of the text (immediately after the Conclusions section).

The heading should be treated as a subsection heading and should not be assigned a number.

References

- [1] Blobel B. Architectural Approach to eHealth for Enabling Paradigm Changes in Health. *Methods Inf Med.* 2010; 49(2): 123–134.
- [2] Kalina J. Robustní analýza obrazu obličeje pro genetické aplikace. *EJBI* [Internet]. 2010 [cited 2011 Jun 28]; 6(2): cs95–cs102. Available from: <http://www.ejbi.eu/articles/201012/47/2.html>
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- [4] Zvarova J, Zvara K. e3Health: Three Main Features of Modern Healthcare. In: Mourtzoglou A, Kastania A. *E-Health Systems Quality and Reliability: Models and Standards*, Hershey: IGI Global; 2010; 18–27.