

1 Long Title for Journal of Biomedical Analytics  
2 Article

3 Do Not Enter Author1<sup>1,\*</sup> and Do Not Enter Author2<sup>2</sup>

4 <sup>1</sup>Do Not Enter Department, Institution, Country for Author1

5 <sup>2</sup>Do Not Enter Department, Institution, Country for Author2

6 <sup>\*</sup>Do Not Enter Corresponding author: you@@yourdomain.com

7 February 4, 2018

8 Keywords: add, five, to, ten, comma, separated, keywords

9 **Abstract**

10 Add your article abstract here, 150-250 words.

11 **1 Introduction**

12 This template provides a guide to formatting articles for submission to the  
13 Journal Biomedical Analytics, JBA, <https://www.jBiomedAnalytics.Org/>.  
14 When preparing an article for submission, please follow this template closely,  
15 referring to past JBA articles (open access on the JBA web site) for further  
16 examples.

17 **2 Author Guidelines**

18 **2.1 Manuscript Preparation**

19 Manuscripts must be written in English in a clear, direct, and active style. All  
20 pages must be numbered sequentially. The manuscript should be submitted  
21 as a PDF file based on this L<sup>A</sup>T<sub>E</sub>Xtemplate.

## 2.2 Title

The title should be concise, and must not be more than 15–20 words. Authors should also provide a short “running title.”

## 2.3 Authors and Institutional Affiliations

Authors are required to provide their full names and their institutional affiliations, omitting postal addresses.

## 2.4 Abstract

The abstract should summarize the essential features of the article, and must not exceed 250 words for full papers. Abbreviations should be avoided in the abstract, and references should not be cited in the abstract.

## 2.5 Keywords

Your submission must include between five and ten keywords for your article. Accepted manuscripts must additionally specify further index terms as appropriate.

## 2.6 Main Text

The main text should be divided into separate sections, and may be further subdivided according to the areas to be discussed. Normally the sections would be 1) Introduction 2) Methods 3) Results and discussions 4) Conclusion. This structure is provided as a general guideline only which may be adjusted as per the need of the manuscript. The first appearance of any abbreviations in the text should be preceded by the full term, unless it is a standard abbreviation or unit of measurement. Reference numbers should be given in square brackets in the text. Common or assimilated words from Latin or other languages should not be italicized, including *per se*, *et al.*

## 2.7 Style

Many examples of the journal style can be seen in existing JBA published articles, <https://www.jbiomedanalytics.org/>. Please pay particular attention to the following style requirements:

### 50 2.7.1 Titles

51 All sections and subsections and sub-sub sections should be initial capitalized.

- 52 • Spelling: Please use standard American English spelling throughout.
- 53 • Punctuation: JBA uses standard American English punctuation. In  
54 particular, please ensure:
  - 55 – all lists items are always separated by punctuation (e.g., “a, b,  
56 and c” but not “a, b and c”); and
  - 57 – commas and periods always appear inside quotation marks (e.g.,  
58 “x, y, and z.” but not “x, y, and z”).
- 59 • Capitalization: JBA style is to only use capitals only for the begin-  
60 ning of sentences, proper nouns, names (e.g., Norman, ArcMap) and,  
61 where appropriate, acronyms. Please avoid capitalization of other  
62 words (e.g., “geographic information systems (GIS)” but not “Geo-  
63 graphic Information Systems (GIS)”) and in titles, including section  
64 headings (e.g., “Affordance-based individuation of junctions in Open  
65 Street Map” but not “Affordance-Based Individuation of Junctions in  
66 Open Street Map”).

## 67 2.8 Figures

68 Figures and Tables must be numbered consecutively with a concise explana-  
69 tory caption, and must be referred to in the main text with capitalized ref-  
70 erence (e.g., “Figure 1” or “Table 1”). Figures and Tables must appear in  
71 the text close to where they are first referred to in the main text. Figure and  
72 table captions come below the figure or table. Do not collect figures or tables  
73 together at the end of the article. Authors of accepted articles will need to  
74 supply high quality versions of all figures as separate .pdf/.jpg files.

## 75 2.9 Footnotes

76 Footnotes are strongly discouraged in text. Where footnotes must be used,  
77 they should be numbered consecutively.

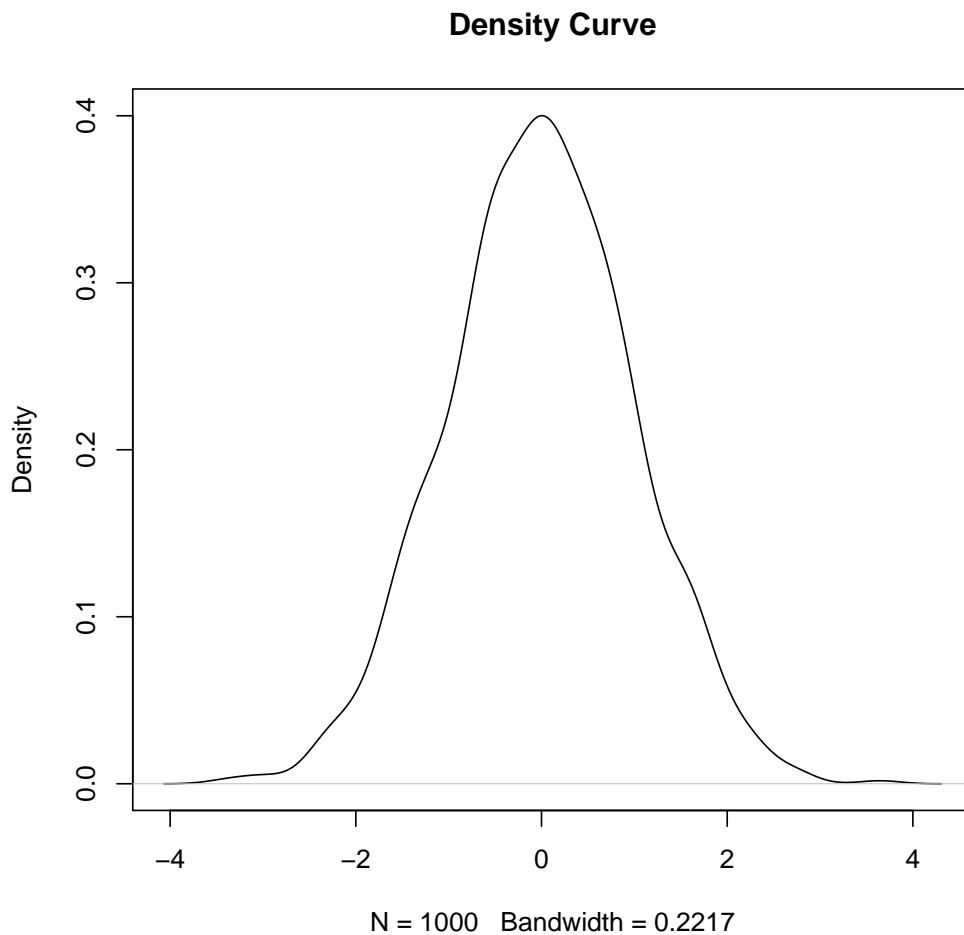


Figure 1: An illustrative figure.

### 78 3 References

79 We use JSS bibliography citation style. The jss.bst file included in the tem-  
 80 plate folder. Please use the attached jbareference.bib file for creating your  
 81 references and use the appropriate `\cite{}` or `\citep{}` macro to refer them  
 82 in the text.

83 For inline referencing such as (Casey and Leveno, 2006), use the `\citep{}`.  
 84 For example, `\citep{casey2006thyroid}` would generate the previous ref-

Table 1: Example table with preferred line rules and alignment.

Text column	Numerical column 1	Numerical column 2
First row	10	0.003
Second row	52	10.037
Third row	729	150.315
...	...	...

85 erence. If you want to place a reference such as Casey and Leveno (2006),  
 86 then use `\cite{}` instead. Do not use parentheses, e.g., ( ) to wrap around  
 87 a reference.

### 88 3.1 BibTeX Citation Examples

89 The reference numbers must be finalized and the bibliography must be fully  
 90 formatted before submission. Examples of citation styles are provided here.

#### 91 3.1.1 BibTeX Article Example

92 Here's the bibTeX example for Casey and Leveno (2006)

```

93 @Article{casey2006thyroid,
94   Title   = {Thyroid disease in pregnancy},
95   Author  = {Casey, Brian M and Leveno, Kenneth J},
96   Journal = {Obstetrics \& Gynecology},
97   Year    = {2006},
98   Number  = {5},
99   Pages   = {1283--1292},
100  Volume  = {108},
101  Doi     = {10.1097/01.AOG.0000244103.91597.c5}
102  }
```

#### 103 3.1.2 BibTeX Book Example

104 Example of a bibTeX style for the book by Friedman *et al.* (2001).

```

105 @book{friedman2001elements,
106   title = {The elements of statistical learning},
```

```

107 author = {Friedman, Jerome and Hastie, Trevor and Tibshirani, Robert},
108 volume = {1},
109 year = {2001},
110 publisher = {Springer series in statistics New York}
111 }

```

## 112 3.2 DOIs

113 All JBA articles must list the DOI of all references, where a DOI exists.  
 114 DOIs may be added in the `doi` field of the BibTeX file. DOIs can be found  
 115 via <http://www.crossref.org/guestquery/> as well as many other search  
 116 engines and publisher pages (e.g., Scopus, SpringerLink).

## 117 4 About JBA

118 Journal of Biomedical Analytics (JBA) is a peer reviewed open access elec-  
 119 tronic journal in biostatistics, public health, and biomedical sciences. The  
 120 journal publishes original contributions in novel applications of statistical  
 121 methods and insightful visualization techniques for making sense of data.  
 122 The journal aims for faster publication following a double-blind rigorous peer  
 123 review process with guaranteed initial review within two weeks.

124 The Journal of Biomedical Analytics is published by the Biomedical Re-  
 125 search Foundation, Bangladesh (<http://www.brfbd.org>)

126 The Journal of Biomedical Analytics will become an archive of myriad  
 127 examples of data analytics through statistical techniques and innovative data  
 128 visualizations both from within and outside of the academic realm. The jour-  
 129 nal acts as a communication platform for practitioners from a wide range of  
 130 scientific disciplines. This includes data scientists, data engineers, quanti-  
 131 tative analysts, biostatisticians, social scientists, communication analysts,  
 132 financial analysts, business analysts and the like.

### 133 4.1 Focus and Scope

134 JBA features original contributions in applications of statistical methods in  
 135 solving problems arising in biomedical disciplines. Statistical applications  
 136 must be central to the paper and must outline how the subject-specific ex-  
 137 perts or users will be benefited by the analysis presented in the paper using

138 an established or new statistical method. Analyses of data sets adapting  
139 commonly used statistical tools are welcome so long the data are new to the  
140 discipline or they reveal interesting details of existing results. Papers focusing  
141 only on developing purely theoretical statistical methods are not generally  
142 within the scope of this journal unless they clearly demonstrate specific or  
143 potential areas of applications. Articles demonstrating the development of  
144 novel methods that are driven by empirical data analysis problems are en-  
145 couraged. Unless there is a proper justification, motivating or application  
146 examples need to come from everyday data analysis issues, not solely from a  
147 hypothetical simulation study.

148 A broad range of interdisciplinary topics are covered in this journal. Ar-  
149 ticles from all areas of natural, social, and mathematical sciences are consid-  
150 ered for publication as long as their focus or inspiration is mainly of applied  
151 nature. Specifically, the journal welcomes—

- 152 • original articles
- 153 • short communications
- 154 • book reviews
- 155 • review of published articles
- 156 • statistical software reviews, and
- 157 • rigorous tutorial articles on statistical concepts with practical examples

158 in one or more of the following disciplines:

## 159 **4.2 Keywords**

160 JBA encourages submissions from topics including, but not limited to

- 161 • Biostatistics
- 162 • Public Health and Epidemiology
- 163 • Big data in healthcare
- 164 • Computer Science

- 165     • Artificial Intelligence and Machine Learning
- 166     • Applied Mathematics
- 167     • Operations Research
- 168     • Pharmacy and related disciplines
- 169     • Bioinformatics
- 170     • Neurosciences and related disciplines

## 171 Acknowledgments

172 Acknowledgments appear in a separate unnumbered section before the bibli-  
 173 ography. Please acknowledge anyone (individual/company/institution) who  
 174 has contributed to the study, including substantial contributions to the con-  
 175 ception, design, acquisition of data; analysis and interpretation of data; draft-  
 176 ing the manuscript; or provided critical comments resulting in revisions to  
 177 content.

## 178 Declarations

179 *Funding:* Please provide.

180 *Conflict of interest:* Please provide.

181 *Ethical approval:* Ethical clearance for this study was taken from “name of  
 182 the institution” as appropriate.

## 183 References

- 184 Casey BM, Leveno KJ (2006). “Thyroid disease in pregnancy.” *Obstetrics &*  
 185 *Gynecology*, **108**(5), 1283–1292. doi:10.1097/01.AOG.0000244103.91597.  
 186 c5.
- 187 Friedman J, Hastie T, Tibshirani R (2001). *The elements of statistical learn-*  
 188 *ing*, volume 1. Springer series in statistics New York.