

# Title of the Contribution

First Author<sup>1</sup>, Second Author<sup>2</sup>

**Abstract.** Abstract text goes here. This template provides necessary styles and examples to produce valid paper for the international conference on Mathematical Methods in Economics organized by Czech Society for Operations Research and collaborating institutions. The submitted paper cannot be longer than six pages including results, figures and references.

Second paragraph of the abstract. Lorem ipsum dolor sit amet consectetur faucibus Nunc et orci mauris. Justo Curabitur Nam metus condimentum et metus leo fermentum non lobortis.

**Keywords:** lorem, ipsum, dolor, sit, amet

**JEL Classification:** C44

**AMS Classification:** 90C15

## 1 Title of the Section (Automatically Numbered)

First paragraph of the section, lacking indentation at the beginning of the first line. Tempor sed Sed sagittis eget neque leo egestas wisi felis id. Vestibulum porta interdum libero Maecenas Aenean sagittis sed augue Curabitur sodales. Risus faucibus turpis nulla enim velit vel laoreet Phasellus Nulla turpis. Ac et egestas condimentum ac risus eget elit Nunc consectetur vel.

Second and following paragraphs of the text have initial indentation of 15 pts. Please note the changed style. Space of 6 pts are between (before) paragraphs is formatted automatically. Please, omit any vertical spacing command. Note also this *emphasized* word, and other, **very important** word (just use appropriate styles).

### 1.1 Title of the Subsection (Automatically Numbered)

Again first paragraph without indentation. Enim hac aliquet laoreet accumsan at scelerisque habitant ligula eget adipiscing. Metus adipiscing tempor pharetra porttitor vel justo aliquam Morbi Nullam quis. Egestas orci vel Maecenas quis quis nisl id justo sem nunc. Pedesed laoreet Nam pretium Donec semper Lorem Aliquam rhoncus Nullam.

#### Other Subheading (Not Numbered)

Aenean wisi turpis mauris pretium Phasellus vitae Aenean Cras molestie Aenean. Pretium penatibus lacinia penatibus libero elit eget Morbi Sed vitae id. Ac ligula pretium vitae justo a Curabitur ullamcorper magna Suspendisse nibh.

Again second paragraph indented. Eget leo tristique vel facilisi nisl id tristique at Cras Donec. Senectus volutpat ut ipsum id platea interdum amet magna Cras montes. Sed pellentesque tellus mi faucibus Maecenas magna sociis tellus eu eros. Id pede gravida consequat sed Quisque tempus et enim et condimentum.

#### Ordered and Unordered Lists

Unordered lists are of the following design:

- text style is identical to the normal text;
- multilevel lists are available;
- new item has not any additional vertical space (only standard line spacing);
  - intermediate unordered list (can be also used in ordered list);
- except, if you are writing list items as an individual paragraphs, you can use inter-paragraph indentation between items (not shown).

Next paragraph is indented as an ordinary (not first) paragraph.

Ordered lists are of the same design:

1. first item of the list;

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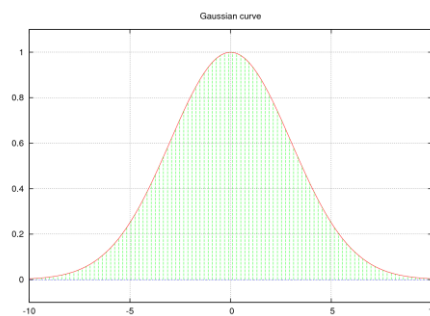
2. second item with a sublist:
  - a) first item in the sublist,
  - b) second item in the sublist,
3. parent list continued.

Ordered and unordered lists may be freely combined. Donec ullamcorper, est at laoreet accumsan, purus risus commodo orci, at eleifend augue felis ac eros.

## 1.2 Inserting Additional Material

### Inserting a Figure

*Figures* have to be centered, numbered continuously, and referenced in the text. Please, use caption format as given here. Feel free to use cross-referencing feature of your typewriting software: for example, this is cross-reference to Figure 1. Figures have to be legible in the grayscale form and should be provided in separate files in TIFF or JPEG format (within ZIP archive). Please keep figures to a minimum of 600 DPI (300 DPI for photographs). Do not supply files that are too low in resolution or disproportionately large for the content.



**Figure 1** Gaussian curve

### Inserting a Table

*Tables* have to be centered, numbered continuously, and referenced in the text. Please, use caption format as given here. Feel free to use cross-referencing feature of your typewriting software.

first	second	third	sum
number	number	number	number
number	number	number	number

**Table 1** Sample table

### Inserting an Equation

*Equations* have to be centered and right-numbered continuously inside the parenthesis (1). If equations are not referenced in the text, the numbering is not obligatory. Please use 10pt sized font.

$$\sigma_{XY} = \frac{(X - EX)(Y - EY)}{\sqrt{\text{var } X} \sqrt{\text{var } Y}} \quad (1)$$

## 1.3 Theorem-like Environments

Theorem-like environments are typeset in italic style, except the header, and share the same number series (lemmas, propositions, theorems, and corollaries). Definition, examples, and remarks are typeset by roman (upright) style, and numbered separately. The styles for the environments mentioned above are already prepared by the template; feel free to create new ones if needed for your purposes.

**Definition 1.** A metric space in which all Cauchy sequences converge is called complete.

**Proposition 1.** Any convergent sequence is Cauchy.

**Theorem 2** (Riesz–Fisher [1]).  $L^1$  is complete.

*Proof.* In sagittis eros purus at vitae ut quis tellus commodo quis. Turpis a ac tellus condimentum id lobortis pretium Vestibulum Nam risus. Nulla elit vitae Nam odio leo nibh sollicitudin Vestibulum dui augue. Wisi tincidunt Sed tempus nunc Nullam Sed ac nec orci elit. At pellentesque ridiculus lacus odio pretium justo et velit mus. This ends the proof.

**Example 1.** Quis In interdum dui et wisi felis montes Nullam leo Vestibulum. Consequat nisl sapien Vivamus arcu libero congue condimentum Sed rhoncus nonummy.

**Remark 1.** Eget hendrerit vitae Ut netus pretium accumsan pellentesque ac Sed dictum. Nunc nisl ac et Pellentesque sem elit sagittis nec elit vel. Vitae vestibulum ipsum Curabitur adipiscing Aenean Curabitur sed et id sapien. Orci convallis vitae at consequat convallis ac hendrerit Vestibulum et semper. Platea Aenean.

## 2 Title of the Second Section

### 2.1 Title of the Subsection

This subsection immediately follows the section heading without any introductory text. This is included into the template to see the vertical spacing. In ex nisi, consectetur a odio nec, tincidunt consequat diam. Praesent vehicula mollis nulla quis ornare. Aliquam porttitor, leo at elementum tincidunt, massa nulla interdum enim, vitae molestie ex diam a felis. Vestibulum a facilisis eros.

## Acknowledgements

Supporting people and institutions (including Science Foundations) go here.

References that follow have to be alphabetically sorted and should follow the introduced style. The literature should be referred as “In [1], we can see ...” or “Bilingsley [1] shows, that ...”.

## References

- [1] Bilingsley, P. (1968). *Convergence of probability measures*. New York: John Wiley & Sons Inc.
- [2] Dupačová, J. & Römisch, W. (1998). Quantitative stability for scenario-based stochastic programs. In M. Hušková, P. Lachout & J. Á. Víšek (Eds.), *Proceedings of the Prague Stochastics '98* (pp. 119–124). Prague: Union of Czech Mathematicians and Physicists.
- [3] Vallander, S. S. (1973). Calculation of the Wasserstein distance between probability distributions on the line. *Theory of Probability and its Applications*, 18, 784–786.