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Article title

Name Surname, Name Surname, Name Surname

|  |
| --- |
| ABSTRACT  Xxxxxx Add short abstract (150 – 300 words), with the most important results of your research. Abstract should ends with 1 or 2 sentences that highlight important conclusions. P-values and statements of significance shoud not be included in the abstract. Describe how experimental units were allocated to treatments (e.g., "random allocation,""randomized," or "randomly assigned"), or whether the study was observational, or an assessment of a method. Clearly state whether the outcome was the result of natural exposure or was the result of a controlled experiment. For observational studies, include a common study design term. |

Keywords: xxx, xxx, xxx, xxx, xxx 5 words or phrases

INTRODUCTION

Xxx **[1]**, **[2]** xxx **[3]**. Add a short introduction to your article. Scientific background is provided. Citations should be numbered in brackets **[1]** and bolded. Example: Lorem ipsum dolor sit amet elit, sed do eiusmod temp **[1]**. Lorem ipsum dolor eiusmod **[2]**. Lorem ipsum dolor sit amet elit, sed do eiusmod tempor **[3]**. Lorem ipsum dolor sit amet elit, sed do eiusmod tempor **[4]**, **[5]**, **[6]**. We are linking citations in text with references in the reference list. It is important that all references are listed in the reference list. Correct formats: 10%, 10 °C, ml, ±10, *p*<0.05, 10-15 or 10 – 15 (in article text).

Scientific Hypothesis

Xxx Do not delete this chapter, provide your scientific hypothesis (Short description, what did you study and consequently statistically evaluated). **Scientific hypothesis** is a type of assumption; it is a sentence, a statement that scientists formulate when they would like to explain certain groups of phenomena or events at a certain level of knowledge, and the hypothesis tries to explain them. A hypothesis is a claim or a system of assertions that can not be decided at the time of its formulation to be true or untrue. For a hypothesis to be a scientific hypothesis, the scientific method requires that one can test it. Scientists generally base scientific hypotheses on previous observations that cannot satisfactorily be explained with the available scientific theories. Scientific hypotheses have to be tested with statistical methods. **Examples of hypothesis:** The low pH decrees the growth of *Salmonella* sp. There is no relationship between smoked meat production and microbiological parameters of the final product. The concentration of polyphenols is variety dependant. We are expecting the significant effect of lecitin on the spreadability of vegetable spreads. **Do not forget:** each hypothesis must be tested with statistical methods.

Objectives

Primary objectives: Xxx Objectives outline the purpose and goals of the study or research. They define what the study intends to explore, investigate, or test. State your objectives. Clearly state primary and secondary objectives (if applicable).

MATERIAL AND METHODS

Please, do not change or delete the order of the subchapters in this section. The structure of this section is mandatory for all articles published in this journal. Specific requirements can be applied for a review, questionnaire survey, or economic analysis articles (you can change the order of subchapters or delete some of them only if your article is not a typical scientific article).

Samples

Samples description: Xxx Provide simple sample descriptions.

Samples collection: Xxx Provide simple sample sample collection. **Example 1:** Samples were collected and temporarily stored at a temperature of 10°C.

Samples preparation: Xxx **Example 1:** Samples were unpacked and homogenised, and 10 g was taken from each sample for examination.

Number of samples analysed: Xxx

Chemicals

Xxx Chemical name, brand, producer, analytical purity. Example: All chemicals were purchased by XXXX and were of analytical grade quality.

Xxx

Agar medium name, brand, producer.

Animals, Plants and Biological Materials

Xxx Plant species, in *Latin name and italic format*.

Xxx Animal species, farm address.

Xxx Microorganism, producer.

Instruments

Xxx Instrument name, brand, producer, or distributor.

Laboratory Methods

Xxx Provide short information what analytical methods were used: ISO standards, AOAC methods, Homemade laboratory methods, Method invented by the researcher). Describe the analytic methods in sufficient detail for replication. Provide data or references to validate the methods' accuracy under this study's conditions. Include measures of the precision (repeatability) of assays and the limits of quantification. In sensory evaluations of foods, report the individual traits assessed, not only aggregated scores. For identification, or description of the properties of biological compounds, report the composition of compounds and the techniques by which they were determined. Describe and support how the techniques were validated. These methods should be properly cited.If the standard method was used, provide only information about modification of this method if necessary.

Where human evaluators (e.g., sensory analysis) or subjects are involved, describe the demographic and other relevant characteristics of participants.

**Example 1**: The fat content in cream was analysed following ISO 19660:2018 **[9]**. The total bacterial count in milk was analysed according to ISO 4833:2003 **[10]**.

Description of the Experiment

Study flow: Xxx Provide a full description of your experiment. Account for the flow of study units through each stage of the study and analysis. Describe any deviations from the study protocol as planned, and the reasons for these changes. **Example 1:** In the experiment's first phase, we took samples from individual farmers. Subsequently, we processed the samples for individual experiments and laboratory analyses. First, we determined the essential characteristics such as fat content, proteins, dry matter, minerals, pH, and the number of microorganisms. In the next phase, we performed individual experiments to determine the effect of storage temperature on the pH of the product and the growth of microorganisms. In the last phase, we processed the obtained results, subjected them to statistical analysis and verified the validity of our hypotheses.

**Quality Assurance**

Number of repeated analyses: Xxx

Number of experiment replication: Xxx

Reference materials: Xxx Provide information on what reference materials or secondary reference materials were used to check the laboratory equipment, methods, tests, kits.

Calibration: Xxx Provide detailed information about instruments or methods calibration.

Laboratory accreditation: Xxx **Example 1:** Experiments were not performed in the accredited laboratory. **Example 2:** The experiments were performed in a laboratory accredited according to the international standard ISO 17025.

Data Access

Xxx Include a clear statement indicating whether and where the data supporting the findings of the study are available. If the data is publicly accessible, provide details about the repository where the data is stored. Ensure the repository meets recognized standards for data storage, such as: Open Access Repositories (e.g., Zenodo, Dryad, Figshare and many others). Discipline-Specific Repositories (e.g., GenBank, ICPSR). Example 1: “The data that support the findings of this study are openly available in [repository name] at [DOI/link].” Example 2: “Data are available on request from the corresponding author due to [reason for restriction, e.g., privacy or legal constraints].” Example 3: “No data were generated or analyzed during this study.”

Statistical Analysis

Xxx Statistical software, brand, version, producer.

Xxx Provide information about the statistical method used for the evaluation of each experiment. Specify the statistical methods used to compare groups for all outcomes. Clearly state the level of the data on which statistical analysis were performed i.e., show that the correct degrees of freedom were employed for the data structure. Clearly state if repeated measures of the outcome were made and how this was accounted for in the statistical analyses. Clearly state all covariates tests.

RESULTS AND DISCUSSION

Xxx

Results: Present the outcomes of your study, including primary and secondary results. Clearly summarise findings for each group, addressing all relevant levels of the organisational structure. Include the estimated effect size with its precision (e.g., 95% confidence interval). When using relative measures, also provide absolute values for clarity.

Discussion and Interpretation: Interpret your results in the context of the study objectives and hypotheses. Address potential sources of bias, imprecision, and the diversity of analyses. Describe precise details of the interventions (treatments) for each group, the level (e.g., farm, animal, batch, or product, sample) at which the intervention was allocated, and how and when interventions were administered. Highlight the strengths and limitations of your study, discussing the possible direction and magnitude of biases. Relate your findings to relevant literature, providing context for their significance and practical implications. Consider your results' generalizability (external validity) and their potential impact on practice or future research.

Additional Guidelines: Include at least 25 single citations in this section. Grouped citations (e.g., [4], [5], [6]) count as one citation. Provide statistical significance (e.g., p-values) to support your scientific hypothesis.

The results of the experiment are shown in Table 1 and Figure 1.

Xxx Add pictures, figures, and tables to your article to improve the overall attractivity of the article.

All figures (graphs, illustrations or photographs), must be included directly in the article. Number figures consecutively as cited in the text (Figure 1). Each figure must have a title below the figure. Graph Figures from MS Excel, and MS Word must be included in the original editable vector format!

**Figure 1** Titleof the image.

Note: xxx. Add your comment to the image. The image must be self-explanatory. It must have an x-axis and y-axis description

Tables have to be included directly in the article. Number tables consecutively as cited in the text (Table 1). Each table must have a title above the table. The title is brief but fully descriptive of the information in the table. A well-organized table should be understandable without extensive reference to the text.The title of the table, as well as the column and row headings, should be written in English.

**Table 1** Title of the table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Mycotoxins** | **Amet dolor sit consectetur** | | | | |
| **Control**  **(mg.kg-1 ±SD)** | **A**  **(mg.kg-1 ±SD)** | **B**  **(mg.kg-1 ±SD)** | **C**  **(mg.kg-1 ±SD)** | **D**  **(mg.kg-1± SD)** |
| **Lorem A** | 12360.9 ±2045.5 | 19852.7 ±2173.8 | 11287.2 ±2718.8 | 19852.7 ±2173.8 | 11287.2 ±2718.8 |
| **Lorem B** | 391.5 ±102.7 | 432.4 ±109.2 | 460.3 ±104.3 | 432.4 ±109.2 | 460.3 ±104.3 |
| **Lorem C** | 4.5 ±2.8 | 4.7 ±3.3 | 5.5 ±3.0 | 4.7 ±3.3 | 5.5 ±3.0 |
| **Lorem D** | 25.8 ±12.4 | 27.7 ±18.3 | 32.4 ±13.0 | 27.7 ±18.3 | 32.4 ±13.0 |

Note: xxx add your comment to the table content. Table style: top and bottom line 1.0 point, inner lines 1.0 point. Only horizontal lines are allowed. The table must be self-explanatory.

CONCLUSION

Xxx Provide a concise summary of the most important results of your study, emphasizing findings that are directly relevant and citable by other researchers. Highlight the key significance statements, drawing clear connections to the study’s objectives and hypotheses. Include actionable recommendations, if applicable, to guide future research, policy, or practice. Ensure the conclusion is focused, impactful, and aligns with the evidence presented in the results and discussion sections.

REFERENCES

References should be in APA style.

References should be numbered.

References should be in English!!!! If you have a reference in a different language, it should be translated to English, and information about the native language should be provided.

Recommendation:

Copy and paste all references to this tool:

<https://apps.crossref.org/SimpleTextQuery>

This tool will automatically find a DOI number of the article or book you like to cite. Consequently, use the Crosscite reference formatting tool, which will automatically format reference to APA style.

<https://citation.crosscite.org>

Paste the individual DOI number to this tool and copy the formatted reference to your reference list.

Recommended Crosscite setup: APA, en-US.

1. Zajác, P., Beňová, E., Židek, R., Čapla, J., Benešová, L., Čurlej, J., & Golian, J. (2021). Detection of adulteration of traditional Slovak bryndza ewe’s cheese with cow’s lump cheese by isoelectric focusing of gamma caseins. In International Journal of Food Properties (Vol. 24, Issue 1, pp. 1034–1060). Informa UK Limited. <https://doi.org/10.1080/10942912.2021.1953066> this is an example of an **article** reference
2. Damodaran, S., & Paraf, A. (2017). Food Proteins and their Applications. CRC Press. <https://doi.org/10.1201/9780203755617> this is an example of a **book** reference
3. Aron, L., Botella, M., & Lubart, T. (2019). Culinary arts: Talent and their development. In R. F. Subotnik, P. Olszewski-Kubilius, & F. C. Worrell (Eds.), The psychology of high performance: Developing human potential into domain-specific talent (pp. 345–359). American Psychological Association. <https://doi.org/10.1037/0000120-016> this is an example of a **chapter in book** reference
4. International Organization for Standardization. (2018). Occupational health and safety management systems—Requirements with guidance for use (ISO Standard No. 45001:2018). <https://www.iso.org/standard/63787.html>
5. Kushilevitz, E., & Malkin, T. (Eds.). (2016). Lecture notes in computer science: Vol. 9562. Theory of cryptography. Springer. <https://doi.org/10.1007/978-3-662-49096-9> this is an example of a **conference proceeding** reference
6. Kabir, J. M. (2016). Factors influencing customer satisfaction at a fast food hamburger chain: The relationship between customer satisfaction and customer loyalty (Publication No. 10169573) [Doctoral dissertation, Wilmington University]. ProQuest Dissertations & Theses Global. <https://www.xxx.org/123> this is an example of a **dissertation thesis** reference
7. Somatic cells. (2019, December 8). In Wikipedia. <https://en.wikipedia.org/wiki/Somatic_(biology)> this is an example of a **web** reference
8. Food law 152/1995 Col. SR. Retrieved from <https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/1995/152/20210525> this is an example of a legislation reference
9. Regulation (EC) No 852/2004 of the European Parliament and of the Council of 29 April 2004 on the hygiene of foodstuffs. Retrieved from <http://data.europa.eu/eli/reg/2004/852/2021-03-24> this is an example of a legislation reference
10. Bevitt, A. J. (2018). Litter, waste disposal and recycling app. (Australian Patent No. AU 2018100960). IP Australia. <http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do>? applicationNo=2018100960 this is an example of a patent reference

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