

# TITLE OF THE POSTER: CLEAR, CONCISE, AND RELATED TO POWER, ELECTRONICS, OR COMPUTING

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## Abstract

Write a concise paragraph of 150–250 words summarizing the problem, objective, methodology, main results, and conclusion of the work.

This work addresses [problem/context]. The objective is to [main objective]. The methodology consists of [method, experiment, simulation, model, or implementation]. The main results show [key result]. The contribution of this work is [main contribution].

## Introduction

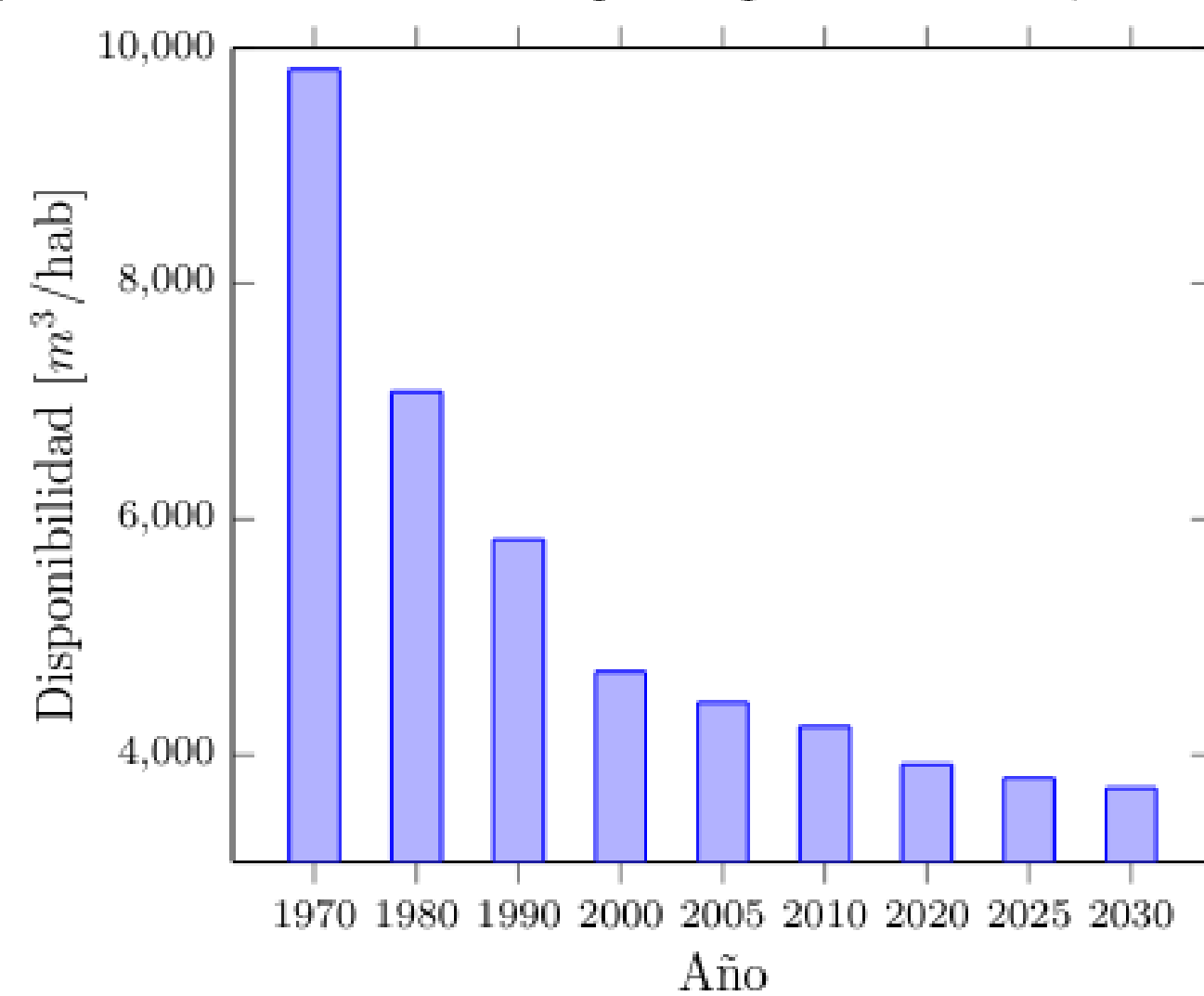
Use this section to briefly describe the context of the work.

- Present the scientific, technological, or engineering problem addressed.
- Explain why the problem is relevant to the ROPEC 2026 areas: Power, Electronics, or Computing.
- Identify the current limitation, gap, or need that motivates the work.
- Include only essential background information; avoid long theoretical descriptions [1, 2].

### Recommendation

The introduction should enable the reader to understand the relevance of the work in under one minute.

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## Objective

State the main objective of the poster in a direct and measurable way.

1. Indicate what was designed, implemented, analyzed, simulated, compared, or validated.
2. Specify the system, method, model, device, dataset, or process under study.
3. Mention the expected contribution or evaluation criterion.

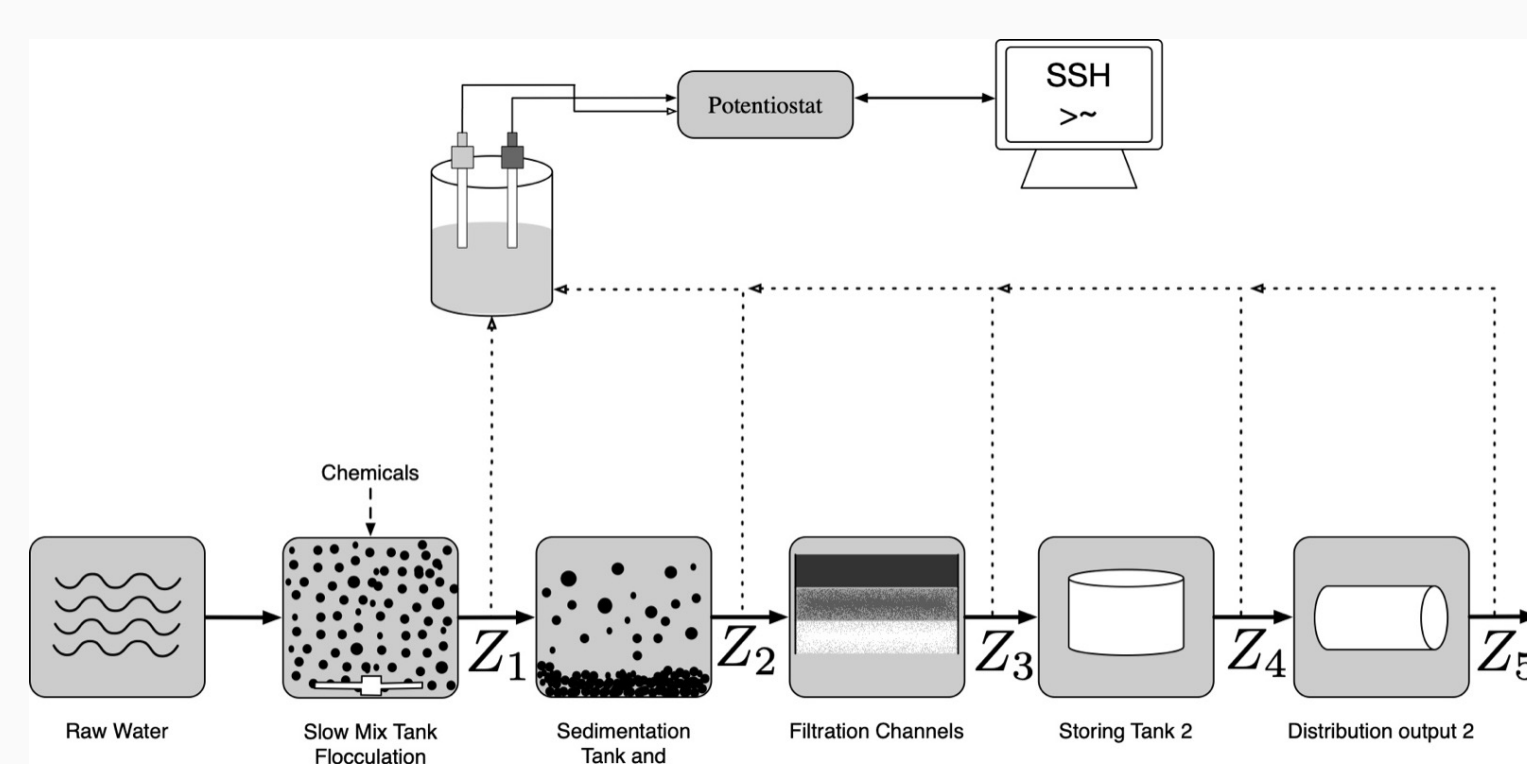
Example:

*The objective of this work is to evaluate [method/system/model] for [application] using [experimental/simulation/computational approach].*

## Materials and Methods

Describe the methodological procedure followed in the work.

- Summarize the main stages of the work.
- Include diagrams, flowcharts, experimental setups, or block diagrams when possible.
- Indicate the tools, instruments, software, algorithms, or datasets used.
- Avoid excessive text; prioritize visual explanation.

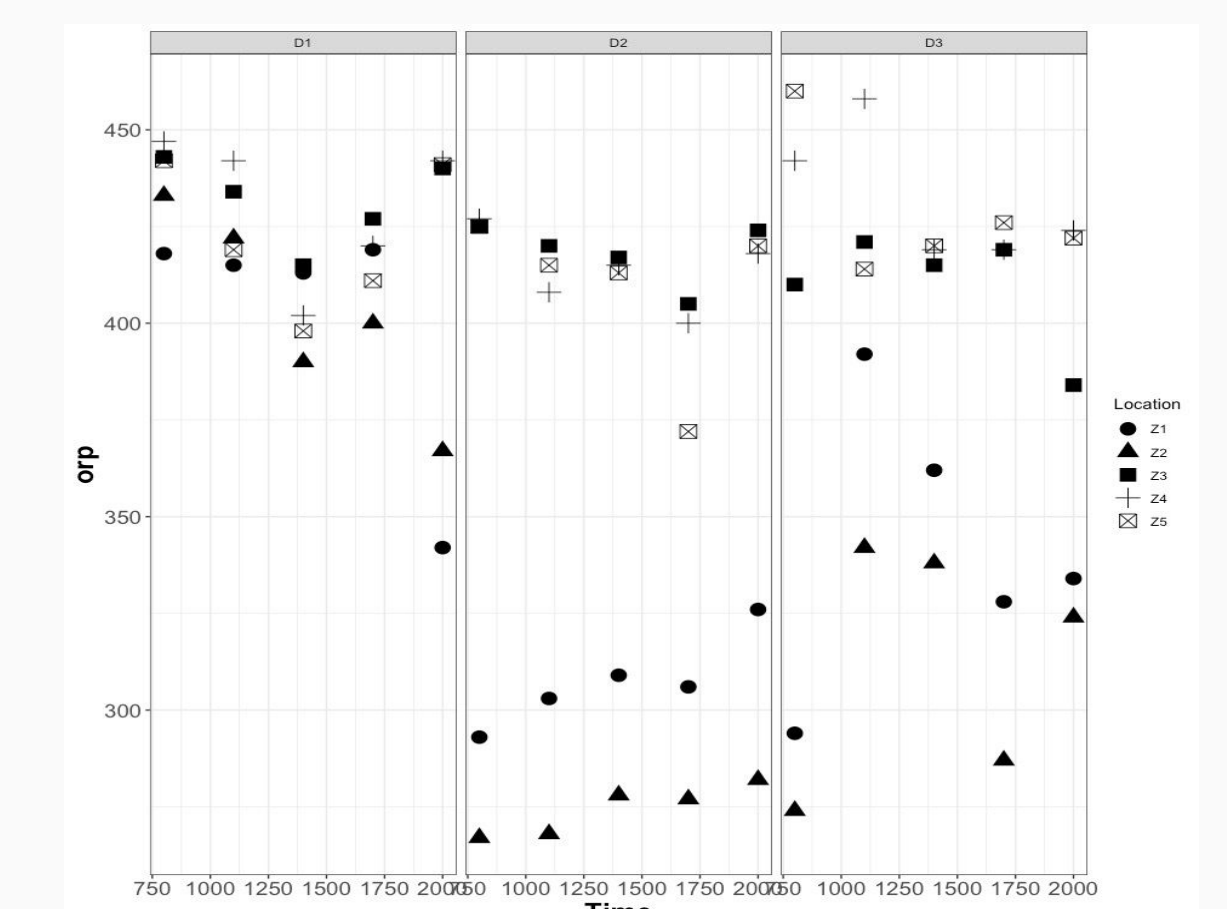
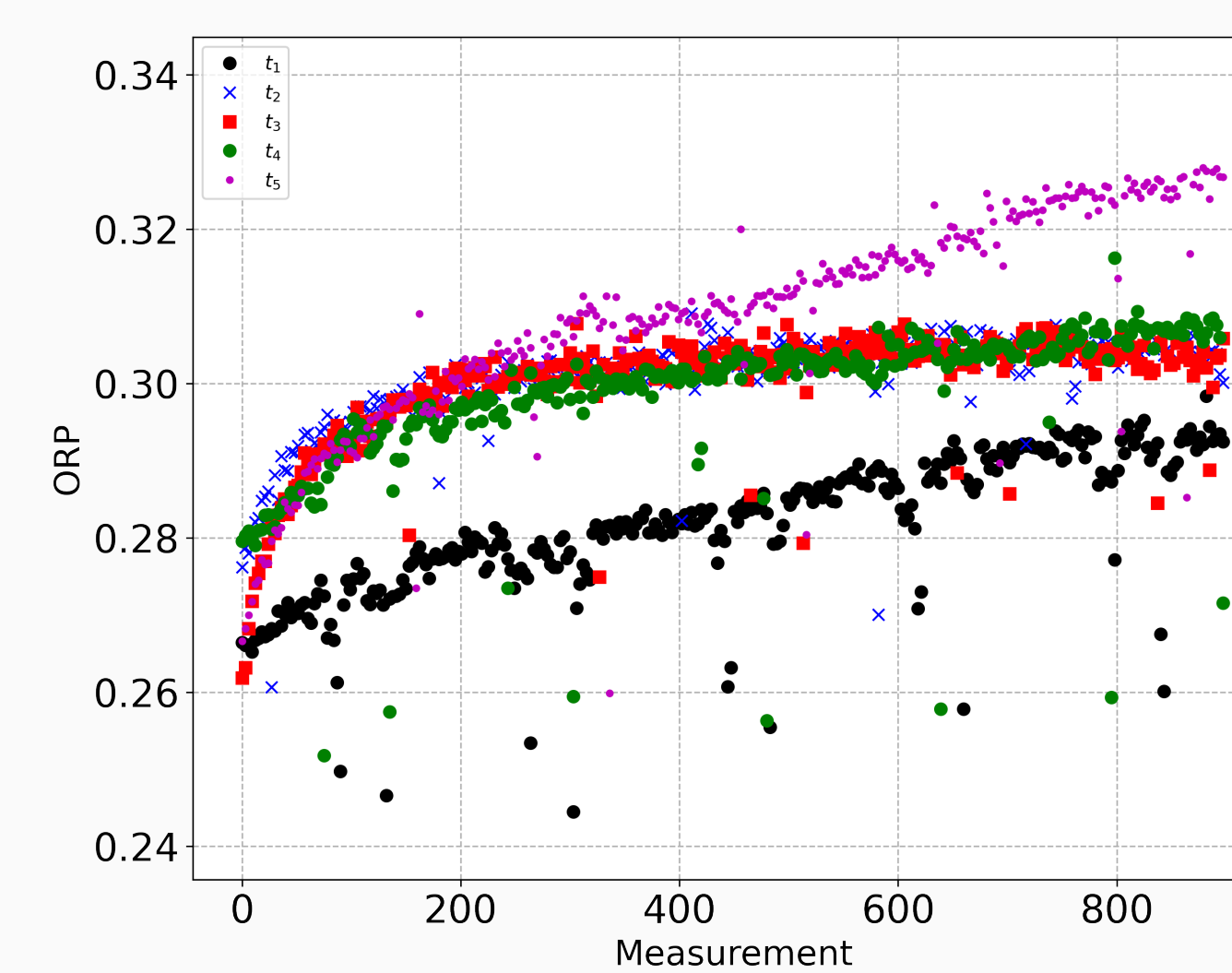
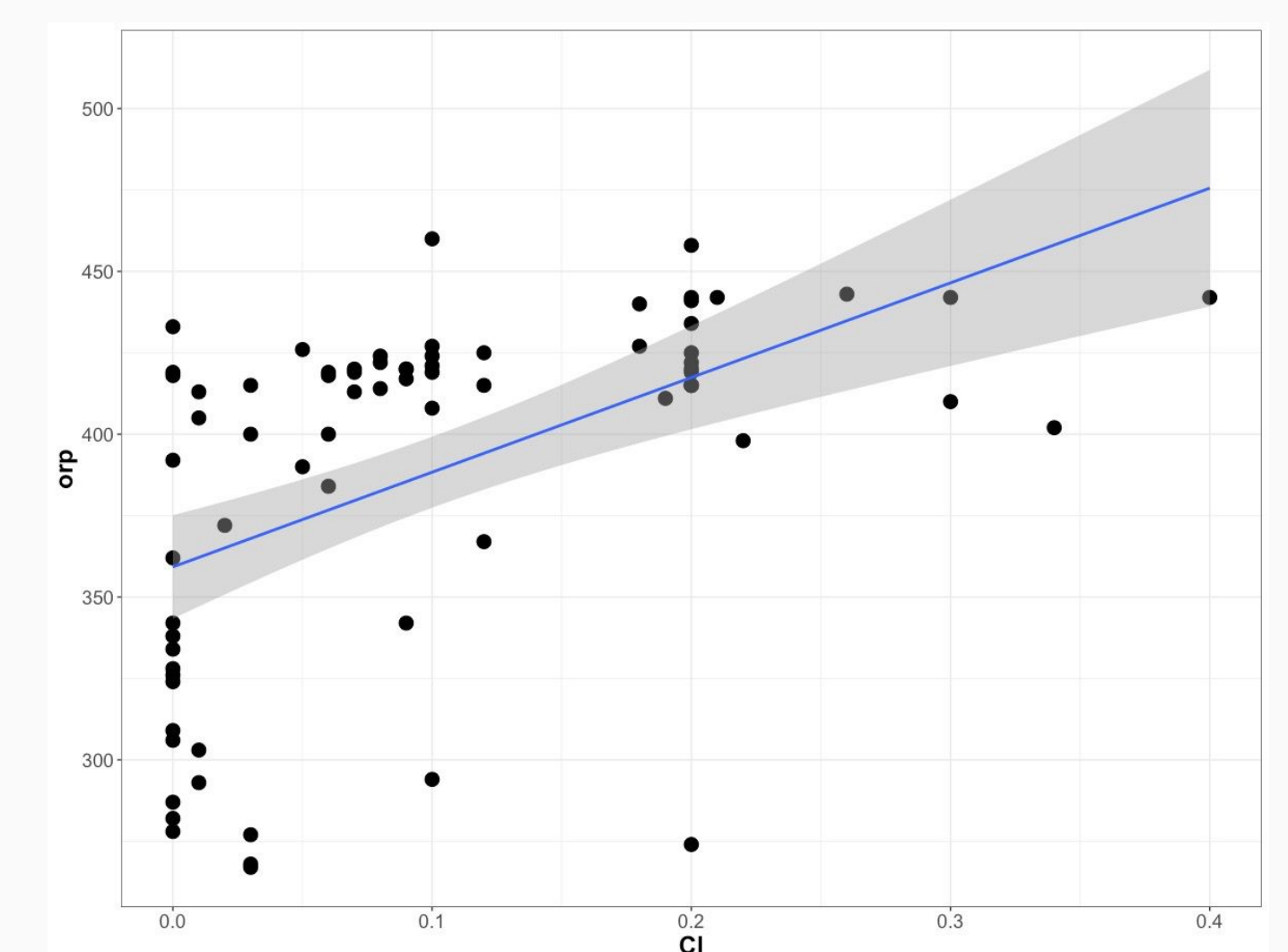
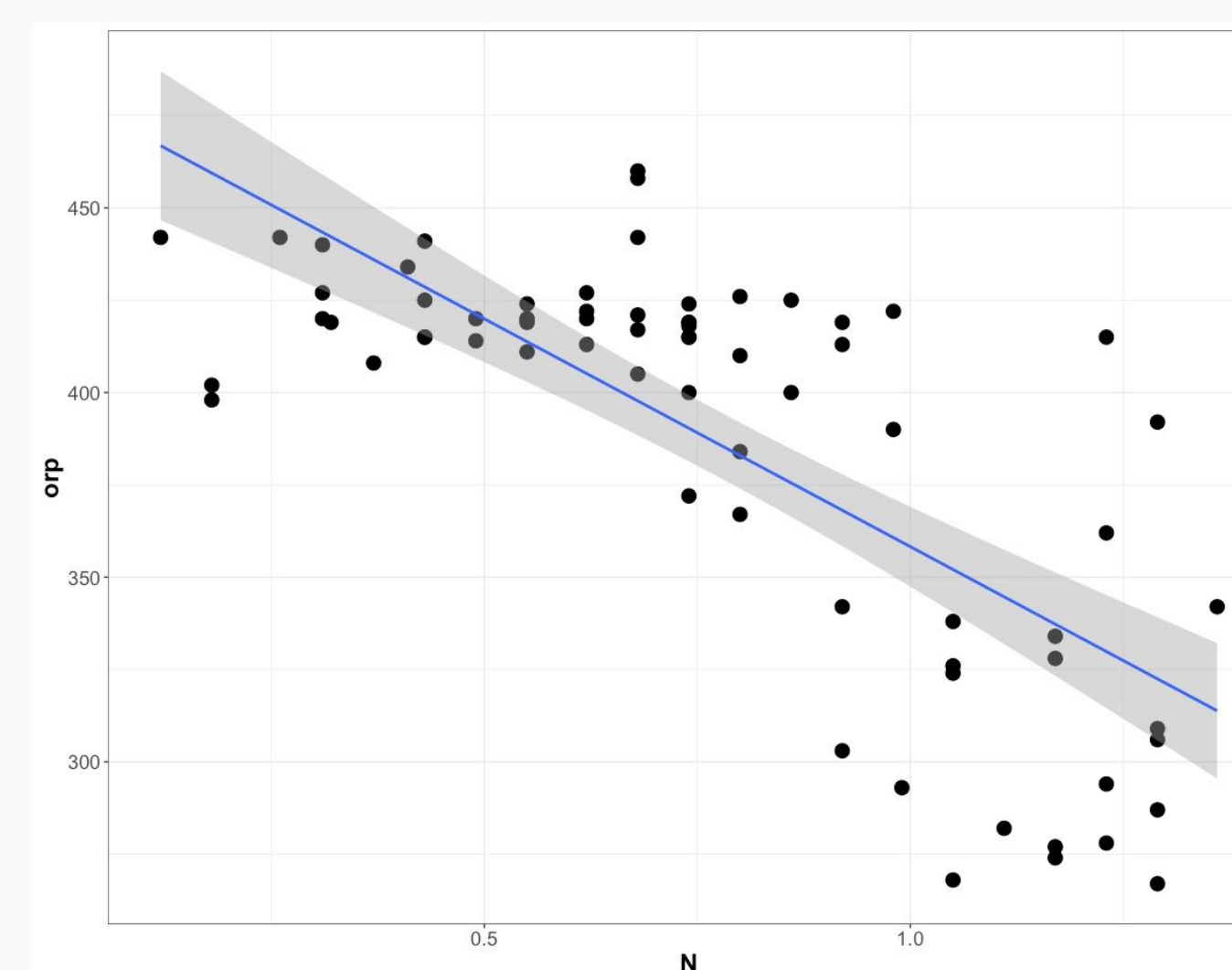


*Suggested elements: Experimental setup or simulation environment, data acquisition or processing procedure, mathematical, computational, or design model, validation or comparison strategy.*

## Results

Present the most relevant results of the work.

- Use graphs, tables, diagrams, or images with clear labels.
- Report quantitative results when available.
- Avoid including too many figures; select only the most representative ones.
- Explain the meaning of each figure briefly.



## Conclusions

Summarize the main contributions of the poster.

- State the most important technical or scientific finding.
- Explain the relevance of the result for the proposed application.
- Mention whether the objective was achieved.
- Include one clear future work direction.

Avoid generic statements. Conclusions should be directly supported by the results.

## Acknowledgments and Contact

Acknowledge funding agencies, institutions, laboratories, research groups, or collaborators.

**Contact author:** author@email.com

**Conference:** ROPEC 2026 – Autumn Meeting on Power, Electronics and Computing

## References

- [1] J. M. Steininger, "Water treatment experts are becoming increasingly aware that water disinfection is dependent upon ORP and not the free residual chlorine ratio.," p. 6.
- [2] T. V. Suslow, "Oxidation-reduction potential (ORP) for water disinfection monitoring, control, and documentation,"