



**UNIVERSITAT POLITÈCNICA DE CATALUNYA**  
**BARCELONATECH**

**Facultat d'Informàtica de Barcelona**



# **DISTANCE-BASED DIMENSIONALITY REDUCTION FOR BIG DATA**

**ADRIÀ CASANOVA LLOVERAS**

**Thesis supervisor**

PEDRO DELICADO USEROS (Department of Statistics and Operations Research)

**Thesis co-supervisor**

CRISTIAN PACHÓN GARCIA (Department of Statistics and Operations Research)

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**Universitat Politècnica de Catalunya (UPC) - BarcelonaTech**

## Abstract

Example citation: [2].  
Test

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# 1 Introduction, Motivation, and Objectives

Example citation: [1].

## 2 State of the Art

### 3 Specification and Design of the Solution

## 4 Development of the Proposal

## 5 Experimentation and Evaluation of the Proposal



## **6 Analysis of Sustainability and Ethical Implications**

## 7 Conclusions

## References

- [1] David Schoch. “graphlayouts: Layout algorithms for network visualizations in R”. In: *Journal of Open Source Software* 8.84 (2023), p. 5238. DOI: 10.21105/joss.05238. URL: <https://doi.org/10.21105/joss.05238>.
- [2] Kisung You and Dennis Shung. “Rdimtools: An R Package for Dimension Reduction and Intrinsic Dimension Estimation”. In: *Software Impacts* 14 (2022), p. 100414. ISSN: 26659638. DOI: 10.1016/j.simpa.2022.100414.

## 8 Appendices