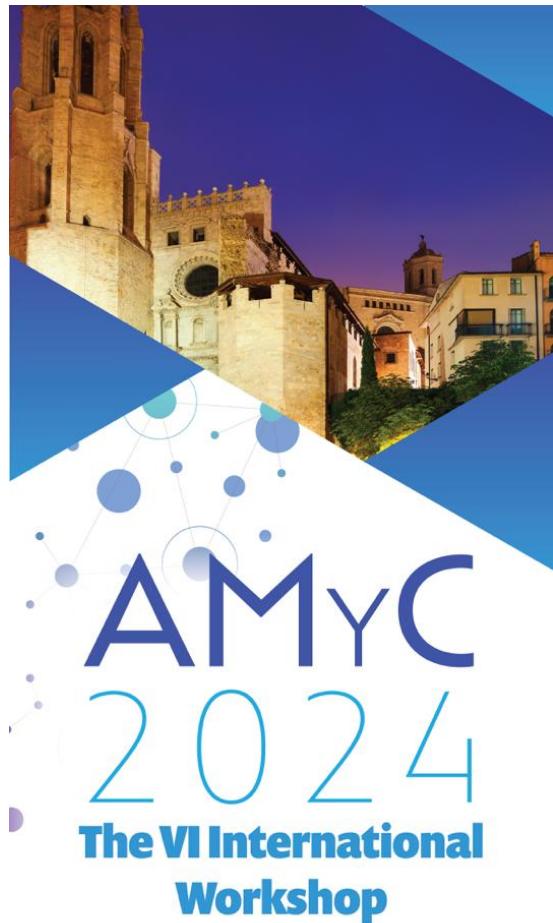




RESEARCH GROUP IN STATISTICS AND COMPOSITIONAL DATA ANALYSIS



on  
**Proximity Data, Multivariate  
Analysis and Classification**  
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### Certificate of Contribution

I hereby certify that the work titled “New clustering algorithms for large mixed-type data”, with authors Fabio Scielzo-Ortiz and Aurea Grané, was presented at the 6<sup>th</sup> International Workshop on Proximity Data, Multivariate Analysis and Classification, held on 28-29 November 2024 in Girona, Spain, and organised by the Research Group on Statistics and Compositional Data Analysis of the University of Girona and the Working Group on Multivariate Analysis and Classification (AMyC) of the Spanish Society for Statistics and Operations Research.

In Girona, 29<sup>th</sup> November 2024

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