

Lausanne, 24 October 2023

Letter of Recommendation for Kélyan Théo Hangard

To whom it may concern:

I, Federico Amato, a Senior Data Scientist at the Swiss Data Science Center, a joint venture of the EPFL Lausanne and the ETH Zurich, am writing this letter to highly recommend Kélyan Théo Hangard for the position he is applying for.

I had the opportunity to supervise Kélyan during his semester project titled "Analysis of Non-Linear Air Pollution Time Series in Europe". Throughout his project, Kélyan demonstrated an exemplary understanding of the subject matter and utilized cutting-edge statistical methodologies to analyze non-linear time series data. Operationally, he effectively employed Python and R programming languages to work with large-scale datasets, encompassing six years of hourly data from approximately 7000 stations across Europe. Mr. Hangard's applied advanced methodologies from the domain of Information Theory and Geostatistics, yielding deep insights into the spatio-temporal patterns of pollutants such as NO₂ and PM_{2.5}. The results of his work, that we are considering for inclusion into a submission for a scientific research paper, might offer valuable information to support the design of environmental policy planning and public health strategies.

Kélyan's grade of 5.5/6 on this project attests to the outstanding quality of his work. He consistently demonstrated a high level of commitment, attention to detail, and a strong work ethic. Kélyan's devotion to excellence is evident in his ability to deliver results within the allotted time frame.

Based on Mr. Hangard's academic accomplishments, technical proficiency, and strong analytical skills, I wholeheartedly recommend Kélyan for this position. Should you require any further information or have specific questions about Kélyan's qualifications, please do not hesitate to contact me.

Best regards,

Federico Amato, Ph.D.

