

Report on the AtRium training school (16-20th September 2024)

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From 16th to 20th September 2024 I participated in the AtRium (Advancing frontTier Research In the arts and hUMANities) workshop in Brno, hosted by Institute of Archaeology, Czech Academy of Sciences, Brno. During the five days of the training school we delved into different topics related to computational archaeology – storing, managing and querying archaeological data; basics of using R and RStudio for statistical analyses; mapping and statistical analyses of spatial data in R programming language; making our work transparent and reproducible. Concerning the first topic, we learned about ARIADNE (*Advanced Research Infrastructure for Archaeological Dataset Networking In Europe*), which is created for storing, organizing, and querying archaeological data. We also learned general things about (linked) open data, and some of the databases, such as Wikidata. Concerning the basics of using R, although my knowledge about that subject was solid before the training school, I learned some new tips and tricks about manipulating data, creating graphs, etc. My favorite part of the course was related to mapping and statistical analyses of spatial data in R programming language, and here is where I learned a lot of things that will be useful for my future research, such as point pattern analysis. The training school was very well organized, and the lecturers and organizers have made effort in addressing all our questions, interests, etc. They have also organized social events which, besides being a nice way to relax after hours of hard work, were also a way of socializing, making connections, discussing research ideas, etc.