

The Potential of Geometric Morphometrics for Danish Archaeology: Two Case Studies

This article is designed to provide an introduction into the application and potential of geometric morphometric methodologies for Danish archaeologists, researchers and enthusiasts. The article first introduces the reader to the mathematical underpinnings of statistical shape and form (shape *plus* size) before detailing the fundamentals of geometric morphometrics, emphasising its statistical power and coverage in comparison to traditional morphometrics. Throughout this article, and in two archaeological case studies, we detail the complete workflow, from data acquisition and landmark placement, through to subsequent analysis. We emphasise open-source software packages which can be used in conducting shape analysis and highlight the wealth of information available on this subject. While a high degree of technical knowledge is necessary, an incredible amount of analytical possibility can be harnessed through the adoption of two- and three-dimensional geometric morphometric methodologies.

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