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Smith, Neil G., Avshalom Karasik, Tejaswini Narayanan, Eric S. Olson, Uzy Smilansky, and Thomas Levy
2012 The Pottery Informatics Query Database: A New Method for Mathematic and Quantitative Analysis
of Large Regional Ceramic Datasets. *Journal of Archeological Method and Theory*.

The authors discuss using the Pottery Informatics Query Database to construct regional ceramic typologies and analyze anthropological significance. This article is a response to critics increasing demand for social scientists to analyze and create typologies. An unstated number of pottery pieces from the Iron Age were used for this study. The authors used these pottery pieces and analyzed them to form mathematical models and graphs that display patterns in the pottery from different time periods. The conclusions the article draws on is examples of classification techniques that the program uses. The paper has one very big drawback in that it is not exactly statistical but mathematical.