

Historical Archaeology

Architectural History/Anthropology 385/785

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Project 1: Stylistic Dynamics of White and Red-Clay Pipes

1. Historical questions.

Who smoked white-clay pipes and red-clay pipe in 17th-century Jamestown?
How did these pipes fit into the strategies of their users? How did their users benefit from them? How did the social identity of smokers change over time? Why did red-clay pipes appear and disappear?

2. Models

- The seriation model.
- The costly signaling model.

3. Data

- Trends in proportion of red vs. white over time (you need to date the assemblages first!)
- Temporal trends in means and standard deviations of bore diameters in Jamestown assemblages for red and white-clay pipes.
- How do red and white-clay assemblage means for the same sites change over time? What might the patterns mean?
- How do bore-diameter standard deviations change over time for white and red-clay assemblages from the same sites? What might the patterns mean?

4. Guidelines

Your report should discuss:

- The historical problem you are trying to address and its historical context.
- The models you will use in your analysis and how they are relevant to the questions at hand
- The variables you want to measure in the archaeological record and how they are relevant to the terms in the models and the questions you are trying to answer.
- The patterning you see in the data and their fit or lack thereof to expectations.
- If there is lack of fit, what might explain it?
- Your conclusions and suggestions for further research.
- When you draw on models, data, or background information from the reading, cite their source.*
- Makes sure your graphs have labels.