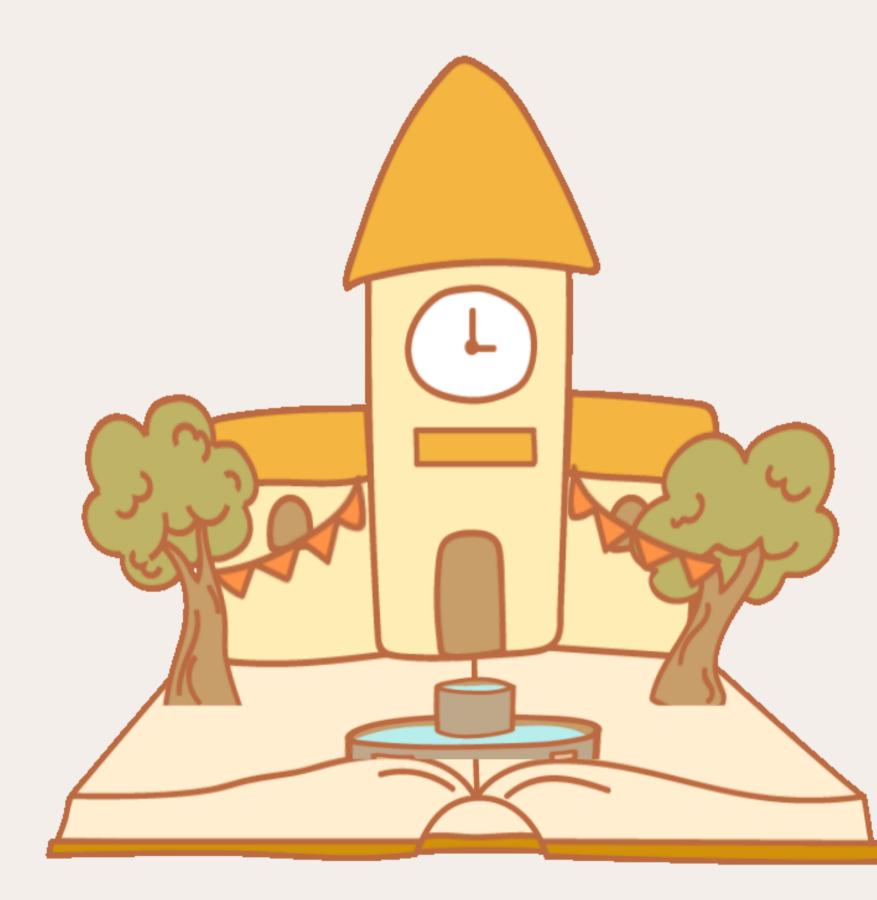
Only the Poor Die Young (and Short): An Analysis of Socioeconomic Status, Age-at-Death, and Femoral Length at Eindhoven, The Netherlands

Sarah Schrader, Leiden University



OUTLINE

- The Embodiment of Status
- The Dutch Context
- Post-medieval Eindhoven
- Methods
- Findings & Interpretations
- Conclusions

Osteoarchaeological applications

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International Journal of Osteoarchaeology

Research Article 🗇 Open Access 💿 🛈

S. L. Newman 🔀, R. L. Gowland

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- Osteoarchaeological applications
- Embodiment theory
- Varying socioeconomic strata, experienced health, risk, and resilience differently
- Highly contextual

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THE DUTCH CONTEXT

Various forms of support for the poor



THE DUTCH CONTEXT

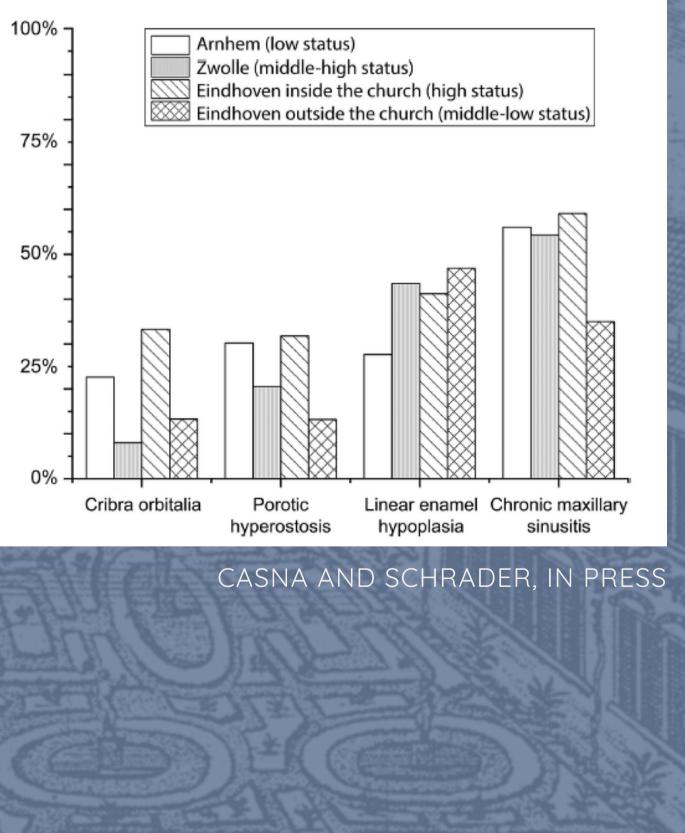
Various forms of support for the poor
Expanded ca. 1650



THE DUTCH CONTEXT

• Various forms of support for the poor • Expanded ca. 1650 • Cribra orbitalia, Porotic hyperostosis, Linear enamel hypoplasia, and Chronic maxillary sinusitis don't (always) correlate with status in Dutch postmedieval collections







Socioeconomic divide



Socioeconomic divide Sint-Catarinakerk



O

Arts, 2002

Nollen, 2013

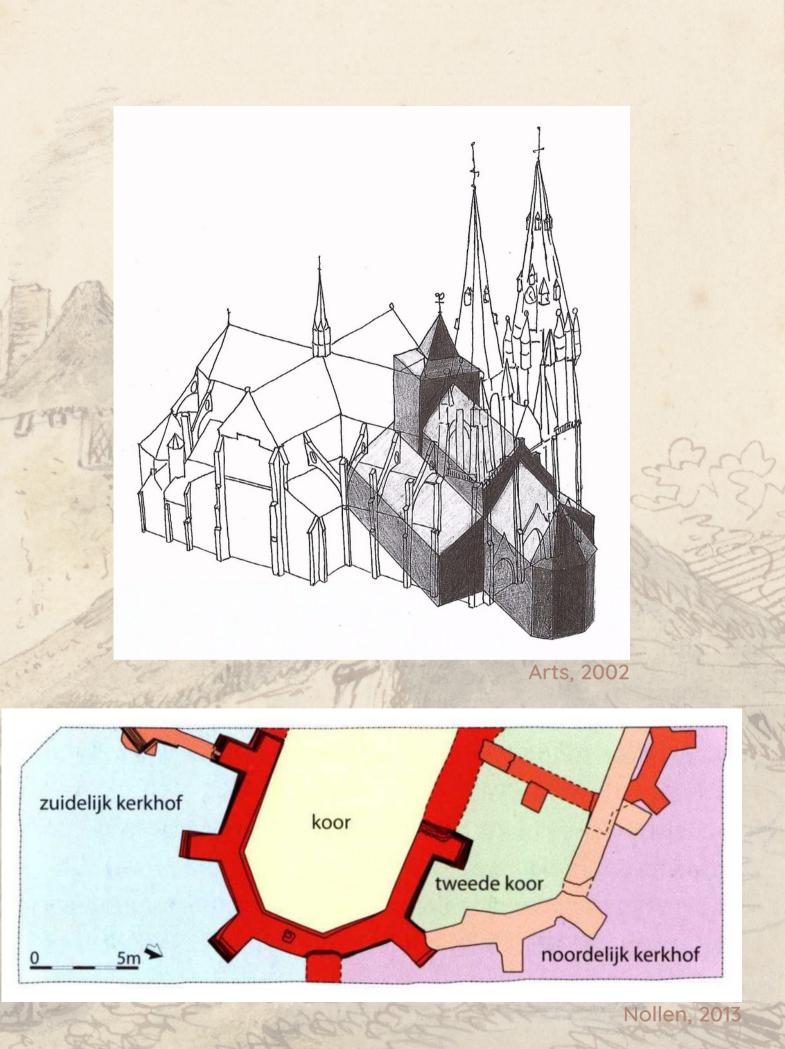
- Socioeconomic divide
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- Post-medieval (ca. 1650-1850)



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Nollen, 2013

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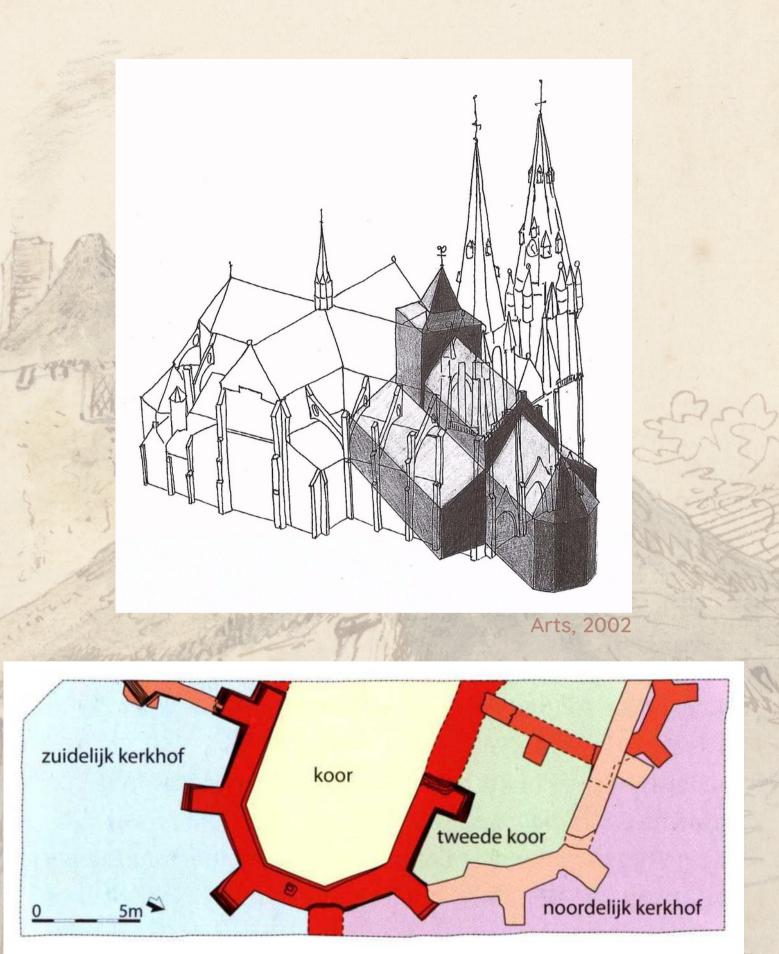


- Socioeconomic divide
- Sint-Catarinakerk

Esta Mi

• Post-medieval (ca. 1650-1850)

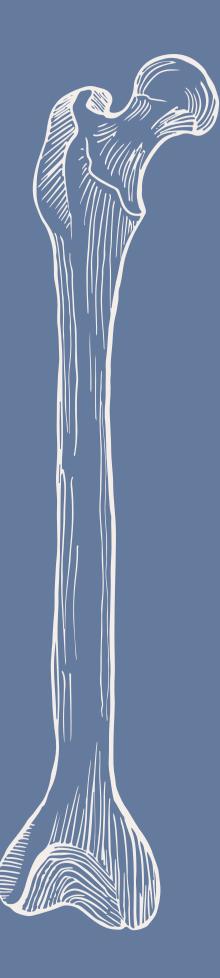
	Inside	Outside
Females	10	27
Males	16	33



Nollen, 2013

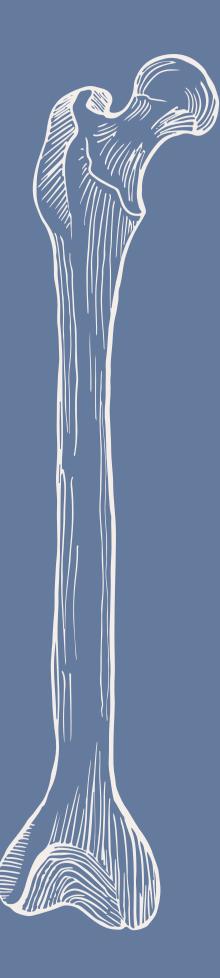
METHODS

• Maximum femoral length



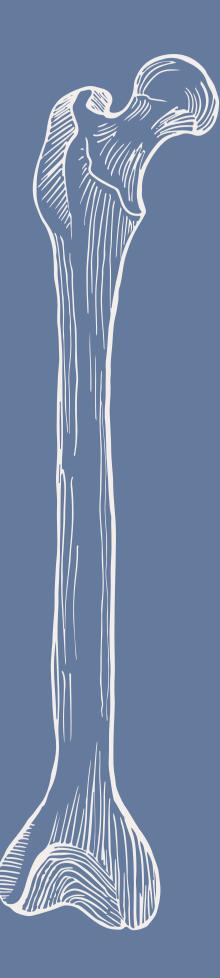
METHODS

Maximum femoral length
Transition analysis (2.0)

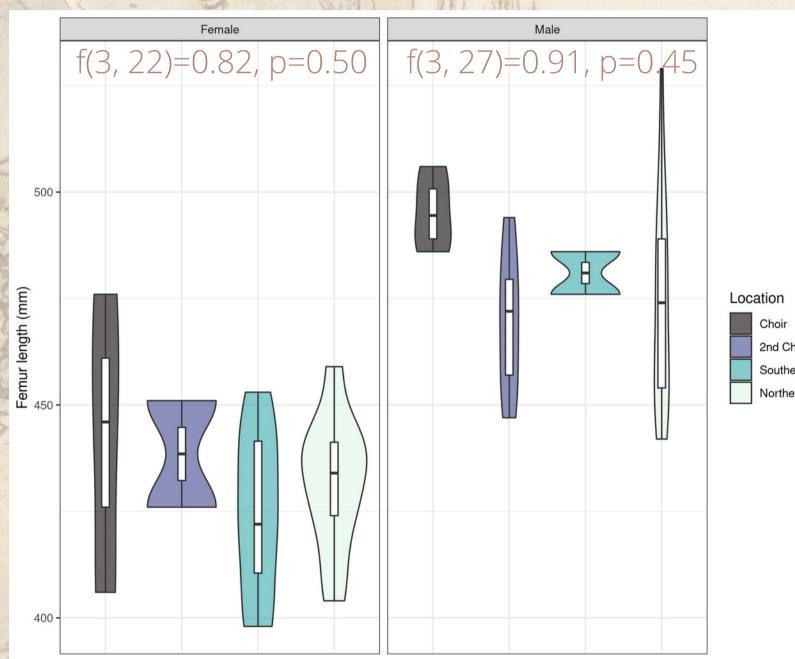


METHODS

Maximum femoral length
Transition analysis (2.0)
T-test & ANOVA



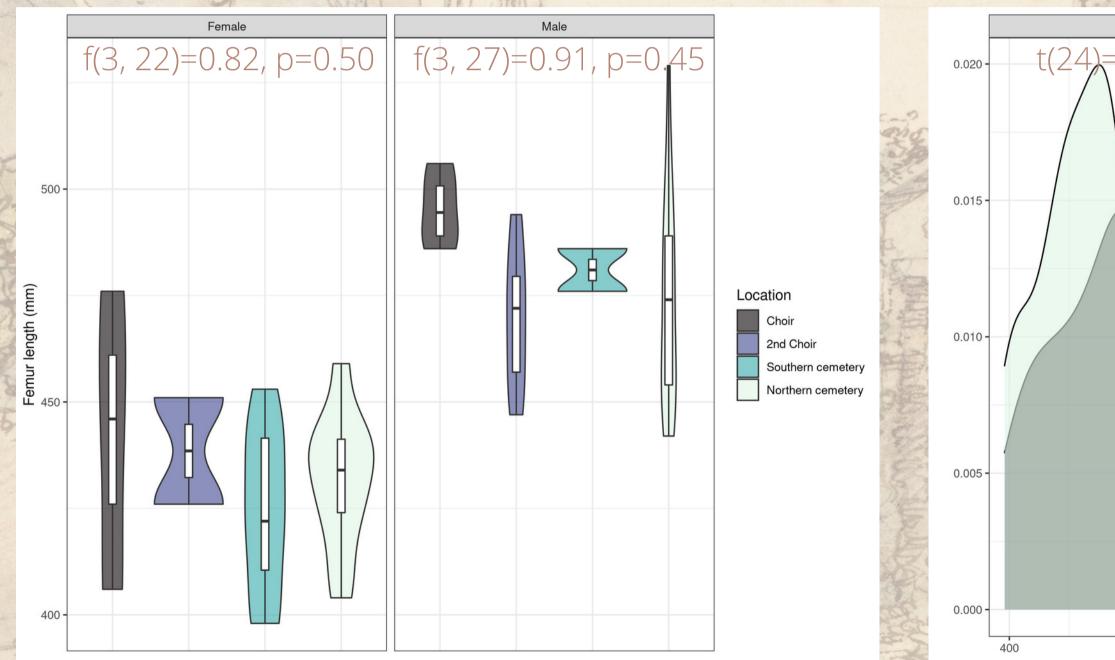
FEMORAL LENGTH

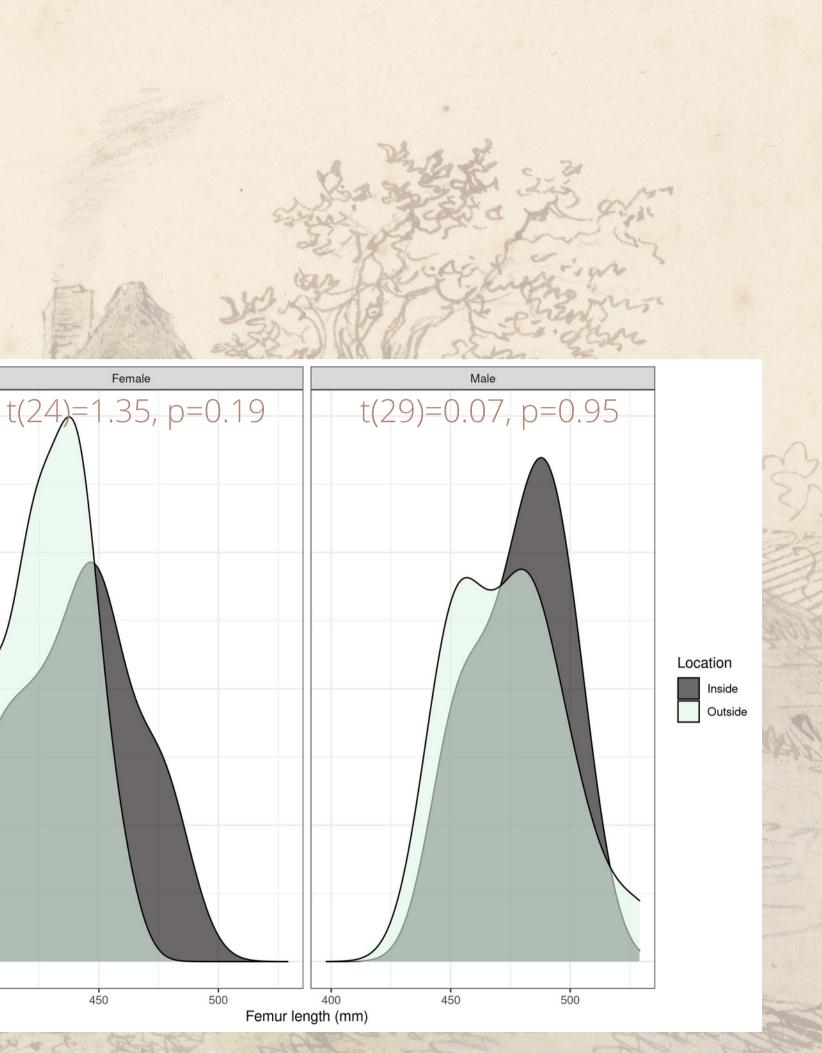


2nd Choir Southern cemetery Northern cemetery

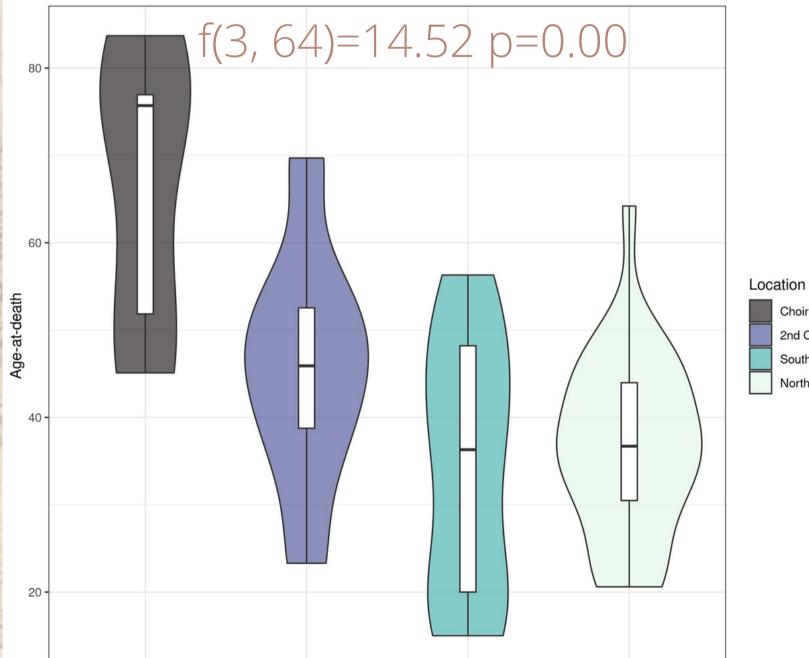


FEMORAL LENGTH





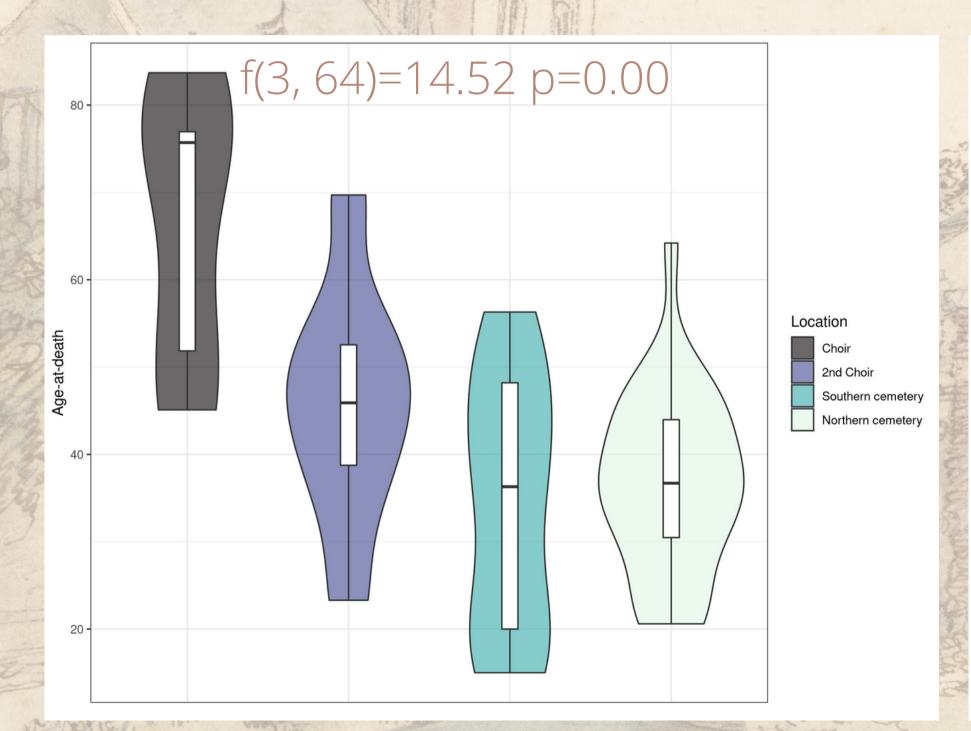
TRANSITION ANALYSIS



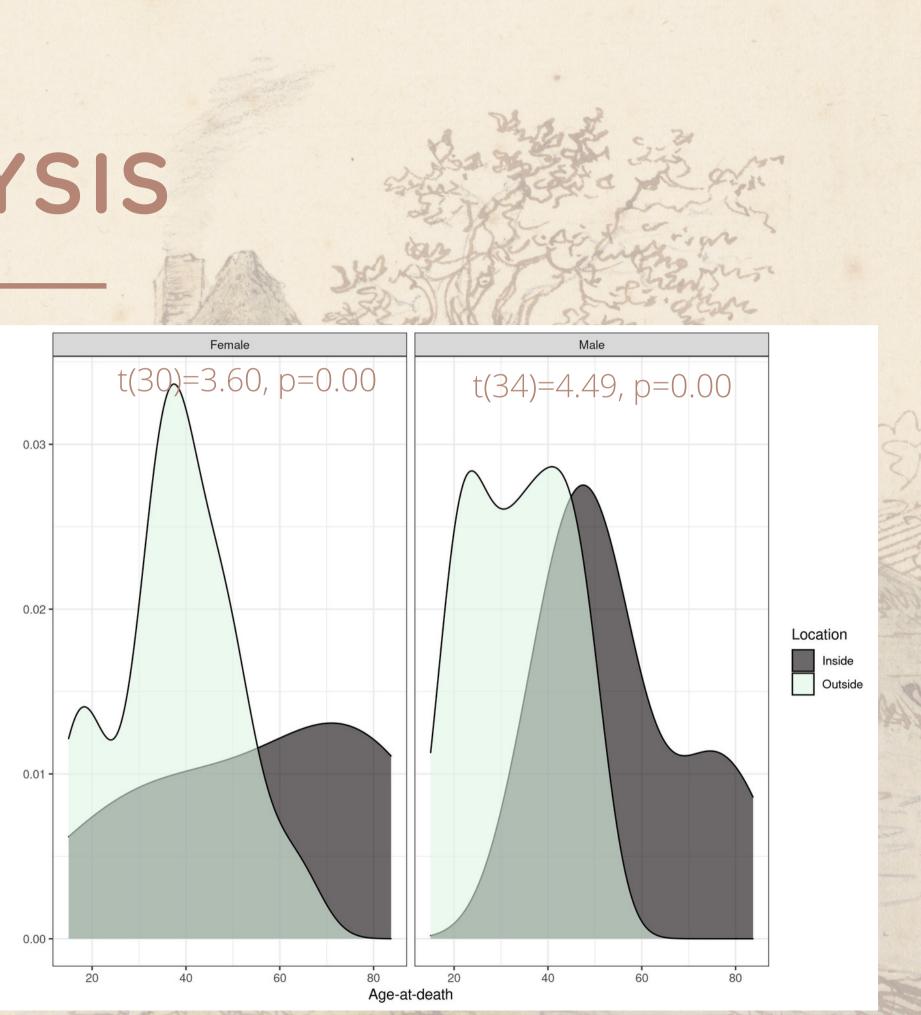
Location Choir 2nd Choir Southern cemetery Northern cemetery



TRANSITION ANALYSIS



Laver





EMBODIMENT OF STATUS AT EINDHOVEN

did.

STATUS AND AGE-AT-DEATH

While other 'non-specific stress indicators' did not differ between high status and low status groups, age-at-death



EMBODIMENT OF STATUS AT EINDHOVEN

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ARE THE RICH OLD? OR ARE THE OLD RICH? Did status allow for old age or did old age allow for status? Further research is needed to better understand

STATUS AND AGE-AT-DEATH



EMBODIMENT OF STATUS AT EINDHOVEN

While other 'non-specific stress indicators' did not differ between high status and low status groups, age-at-death did.

BEYOND THE NETHERLANDS In Industrial-Era London, DeWitte et al. found greater frequency of higher status old adults (50+). Longevity, particularly in 50+, may be a result of status; however more research is needed.

STATUS AND AGE-AT-DEATH

ARE THE RICH OLD? OR ARE THE OLD RICH? Did status allow for old age or did old age allow for

status? Further research is needed to better understand



THANK YOU!

- Dr. Nico Arts
- Gemeente Eindhoven & Community of Eindhoven
- BABAO Organizers

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