

# Package ‘clayringsmiletus’

July 22, 2025

**Type** Package

**Title** Clay Stacking Rings Found in Miletus (Data)

**Version** 1.0.2

**Maintainer** Lisa Steinmann <lisa.steinmann@rub.de>

**Description** Stacking rings are tools used to stack pottery in a Kiln. A relatively large group of stacking rings was found in the area of the sanctuary of Dionysos in Miletus in the 1970s. Measurements and additional info is gathered in this package and made available for use by other researchers. The data along with its archaeological context and analysis has been published in “Archäologischer Anzeiger” (2020/1, <doi:10.34780/aa.v0i1.1014>).

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**URL** <https://github.com/lsteinmann/clayringsmiletus>

**BugReports** <https://github.com/lsteinmann/clayringsmiletus/issues>

**Depends** R (>= 2.10)

**Suggests** cluster, dbscan, dplyr, ggplot2, ggridges, gridExtra, kableExtra, knitr, reshape2, rmarkdown

**VignetteBuilder** knitr

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.3.2

**NeedsCompilation** no

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**Repository** CRAN

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StackRMiletus

*Stacking Rings from Miletus***Description**

This data contains all individual rings listed in fig. 16 of the paper *\_Finds from Miletus XXXII: Clay Rings from the Sanctuary of Dionysos in Miletus\_*, published in *Archäologischer Anzeiger* 2020/1 (<<https://doi.org/10.34780/aa.v0i1.1014>>).

**Usage**

```
data("StackRMiletus")
```

**Format**

A data frame with 67 rows and 15 variables:

**Inv** Factor. Inventory Number in Miletus. If NA not inventoried.

**clay** Factor. Color of the clay (Names as used in the Munsell Soil Color Chart)

**applications** Factor. Type of applications

**color\_appl** Factor. Color of applications (Names as used in the Munsell Soil Color Chart)

**slip** Factor. Color of applied clay slip, if any (Names are subjective). The slip/wash was mostly dusty and not clear to determine, this column is probably not very reliable.

**markings** Integer. Markings on the surfaces, 0 = absence, 1 = presence.

**markings\_type** Character. Markings on the surfaces

**height** Numeric. Height of the ring body in cm

**min\_DM** Numeric. Minimum (inner) diameter in cm

**max\_DM** Numeric. Maximum (outer) diameter in cm

**width** Numeric. Surface width of the clay ring in cm (distance between min\_DM and max\_DM depending on angle)

**thickness** Numeric. Thickness of the clay in cm (taken at the most representative spot)

**shape** Factor. Overall shape of the ring body in profile

**fragments** Numeric. Number of fragments assigned to this ring

**Source**

L. Steinmann, *Clay Rings from the Sanctuary of Dionysos in Miletus*, <[doi:10.34780/aa.v0i1.1014](https://doi.org/10.34780/aa.v0i1.1014)>

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\* **datasets**

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