

Package: ArchaeoData (via r-universe)

June 26, 2024

Type Package

Title Datasets for 'ArchaeoPhases'

Version 0.1.0

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Description Datasets for chronological modelling with 'ArchaeoPhases'.
This package provides models and data to reproduce results from
'ArchaeoPhases' examples and vignettes.

License GPL (>= 3)

URL <https://archaeostat.github.io/archaeodata/>

BugReports <https://github.com/ArchaeoStat/ArchaeoData/issues>

Depends R (>= 3.5.0)

Encoding UTF-8

LazyData false

LazyDataCompression bzip2

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Repository <https://archaeostat.r-universe.dev>

RemoteUrl <https://github.com/ArchaeoStat/ArchaeoData>

RemoteRef HEAD

RemoteSha 1ff384373f69422a749d6129b7e4f21dfd6b08e8

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burials

Anglo-Saxon Female Burials with Beads

Description

Results of an OxCal calibration.

Usage

data(burials)

Format

A [data.frame](#) with 5,000 rows and 77 columns:

UB-6041 (CasD182) Date of burial CasD182.
UB-6038 (CasD183) Date of burial CasD183.
UB-4960 (BuD391B) Date of burial BuD391B.
UB-4959 (BuD391A) Date of burial BuD391A.
UB-4511 (EH090) Date of burial EH090.
UB-4512 (EH091) Date of burial EH091.
Me1SG077 Date of burial Me1SG077.
UB-4885 (Me1SG078) Date of burial Me1SG078.
UB-4884 (Me1SG079) Date of burial Me1SG079.
UB-4882 (Me1SG080) Date of burial Me1SG080.
UB-6476 (BuD339) Date of burial BuD339.
UB-4734 (MH105c) Date of burial MH105c.
UB-4732 (MH094) Date of burial MH094.
UB-4890 (Me1SG075) Date of burial Me1SG075.
UB-4728 (MH064) Date of burial MH064.
UB-4733 (MH095) Date of burial MH095.
UB-6473 (BuD250) Date of burial BuD250.
UB-4735 (Ber022) Date of burial Ber022.
UB-4739 (Ber134/1) Date of burial Ber134/1.
UB-4836 (WG27) Date of burial WG27.
UB-6472 (BuD222) Date of burial BuD222.
UB-6037 (CasD134) Date of burial CasD134.
UB-4888 (Me1SG089) Date of burial Me1SG089.
UB-6040 (CasD053) Date of burial CasD053.
UB-4707 (EH079) Date of burial EH079.

UB-6035 (CasD096) Date of burial CasD096.
UB-4975 (AstCli12) Date of burial AstCli12.
UB-4984 (Lec018) Date of burial Lec018.
UB-4835 (ApD134) Date of burial ApD134.
UB-4729 (MH068) Date of burial MH068.
UB-6034 (CasD120) Date of burial CasD120.
UB-4705 (WHes123) Date of burial WHes123.
UB-6033 (WHes113) Date of burial WHes113.
UB-4709 (EH014) Date of burial EH014.
UB-4708 (EH083) Date of burial EH083.
UB-5208 (ApD107) Date of burial ApD107.
UB-4077 (But4275) Date of burial But4275.
UB-4965 (ApD117) Date of burial ApD117.
UB-4889 (Me1SG069) Date of burial MesSG069.
UB-4963 (SPTip208) Date of burial SPTip208.
UB-6032 (SPTip073) Date of burial SPTip073.
UB-6036 (CasD013) Date of burial CasD013.
UB-4887 (Me1SG082) Date of burial MeSG082.
UB-4964 (Cod30) Date of burial Cod30.
UB-4883 (Me1SG095) Date of burial Me1SG095.
UB-4042 (But1674) Date of burial But1674.
UB-4552 (MaDE3) Date of burial MaDE3.
UB-4507 (Lec187) Date of burial Lec187.
UB-4706 (WHes118) Date of burial WHes118.
UB-4502 (Lec138) Date of burial Lec138.
UB-4504 (Lec179) Date of burial Lec179.
UB-4910 (BloodH22) Date of burial BloodH22.
UB-4506 (Lec172/2) Date of burial Lec172/2.
MaDE1 & E2 Date of burial MaDE1 & E2.
UB-4554 (MaDF2) Date of burial MaDF2.
UB-4549 (MaDC7) Date of burial MaDC7.
UB-4553 (MaDD10) Date of burial MaDD10.
UB-6042 (CasD088) Date of burial CasD088.
UB-4501 (Lec014) Date of burial Lec014.
UB-4503 (Lec148) Date of burial Lec148.
SUERC-51539 (ERL G353) Date of burial ERL G353.
SUERC-51548 (ERL G210) Date of burial ERL G210.

SUERC-51553 (ERL G116) Date of burial ERL G116.
 SUERC-39108 ERLK G322 Date of burial ERLK G322.
 SUERC-39109 ERL G362 Date of burial ERL G362.
 SUERC-39112 ERL G405 Date of burial ERL G405.
 SUERC-51560 ERL G038 Date of burial ERL G038.
 SUERC-39091 (ERL G003) Date of burial ERL G003.
 SUERC-39092 (ERL G005) Date of burial ERL G005.
 SUERC-39113 (ERL G417) Date of burial ERL G417.
 SUERC-51549 (ERL G195) Date of burial ERL G195.
 SUERC-51543 (ERL G281) Date of burial ERL G281.
 SUERC-51551 (ERL G193) Date of burial ERL G193.
 SUERC-51552 (ERL G107) Date of burial ERL G107.
 SUERC-39100 (ERL G266) Date of burial ERL G266.
 SUERC-51550 (ERL G254) Date of burial ERL G254.
 SUERC-39096 (ERL G112) Date of burial ERL G112.

See Also

Other datasets: [ChronoModelEvents](#), [ChronoModelPhases](#), [fishpond](#), [ksarakil](#)

ChronoModelEvents

Ksar' Akil Dates Calibrated by ChronoModel

Description

Ksar' Akil Dates Calibrated by ChronoModel

Usage

```
data(ChronoModelEvents)
```

Format

A [data.frame](#) with 30,000 rows and 17 variables:

`iter` Iteration of the MCMC algorithm

`V` Layer V.

`VI` Layer VI.

`XI` Layer XI.

`XII` Layer XII.

`XVI_1` Layer XVI 1.

`XVI_2` Layer XVI 2.

XVI_3 Layer XVI 3.
XVI_4 Layer XVI 4.
XVII_1 Layer XVII 1.
XVII_2 Layer XVII 2.
XVII_3 Layer XVII 3.
XVII_4 Layer XVII 4.
XVIII Layer XVIII.
XIX Layer XIX.
XX Layer XX.
XXII Layer XXII.

See Also

Other datasets: [ChronoModelPhases](#), [burials](#), [fishpond](#), [ksarakil](#)

ChronoModelPhases

Ksar' Akil Phases Calibrated by ChronoModel

Description

Ksar' Akil Phases Calibrated by ChronoModel

Usage

```
data(ChronoModelPhases)
```

Format

A [data.frame](#) with 30,000 rows and 9 variables:

`iter` Iteration of the MCMC algorithm.
`EPI begin` Start date of EPI.
`EPI end` End date of EPI.
`UP begin` Start date of UP.
`UP end` End date of UP.
`Ahmarian begin` Start date of Ahmarian.
`Ahmarian end` End date of Ahmarian.
`IUP begin` Start date of IUP.
`IUP end` End date of IUP.

See Also

Other datasets: [ChronoModelEvents](#), [burials](#), [fishpond](#), [ksarakil](#)

fishpond

Calibration of a Fishpond Chronology

Description

A data set containing information on the ages of two fishpond deposits.

Usage

```
data(fishpond)
```

Format

A [data.frame](#) with 55,964 rows and 11 variables:

`iteration` Iteration of the MCMC algorithm.
`beta_2_Layer_II` End date of Layer II.
`theta_5_Layer_II` Age of dated event 5 in Layer II.
`theta_4_Layer_II` Age of dated event 4 in Layer II.
`theta_3_Layer_II` Age of dated event 3 in Layer II.
`theta_2_Layer_II` Age of dated event 2 in Layer II.
`alpha_2_Layer_II` Start date of Layer II.
`beta_1_Layer_III` End date of Layer III.
`theta_1_Layer_III` Age of dated event 1 in Layer III.
`alpha_1_Layer_III` Start date of Layer III.
`phi_1` Floating parameter.

See Also

Other datasets: [ChronoModelEvents](#), [ChronoModelPhases](#), [burials](#), [ksarakil](#)

ksarakil

Ksar' Akil Dates Calibrated by OxCal

Description

Ksar' Akil Dates Calibrated by OxCal

Usage

```
data(ksarakil)
```

Format

A `data.frame` with 1000 rows and 27 variables:

Pass iteration of the MCMC algorithm

Ethelruda Ethelruda.

start dated IUP Start dated IUP.

GrA-53000 GrA-5300.

end dated IUP End dated IUP.

start Ahmarian Start Ahmarian.

GrA-57597 GrA-57597.

GrA-53004 GrA-53004.

GrA-57542 GrA-57542.

GrA-54846 GrA-54846.

GrA-57603 GrA-57603.

GrA-57602 GrA-57602.

GrA-53001 GrA-53001.

Egbert Egbert.

GrA-54847 GrA-54847.

GrA-57599 GrA-57599.

GrA-57598 GrA-57598.

GrA-57544 GrA-57544.

end Ahmarian End Ahmarian.

start UP Start UP.

GrA-57545 GrA-57545.

GrA-53006 GrA-53006.

GrA-54848 GrA-54848.

end UP End UP.

start EPI Start EPI.

GrA-53005 GrA-53005.

end EPI End EPI.

See Also

Other datasets: [ChronoModelEvents](#), [ChronoModelPhases](#), [burials](#), [fishpond](#)

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