Package ‘salem’

November 5, 2020

Type Package
Title Provides Access to Salem Witchcraft Data
Version 0.2.0
Description Data related to the Salem Witch Trials
Datasets and tutorials documenting the witch accusations and trials
centered around Salem, Massachusetts in 1692. Originally assembled by
Richard B. Latner of Tulane University for his website
<https://www.tulane.edu/~salem/index.html>. The data sets include information
on 152 accused witches, members of the Salem Village Committee,
signatories of petitions related to the events, and tax data for
Salem Village.
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Encoding UTF-8
LazyData true
Depends R (>= 3.5.0)
Imports
Suggests dplyr (>= 1.0.0), ggplot2, knitr, rmarkdown, sf, stats, tidyr
VignetteBuilder knitr
RoxygenNote 7.1.1
Collate "accused_witches.R" "committee_list.R" "salem_village.R"
"tax_comparison.R" "parris_social.R" "salem_region.R"
NeedsCompilation no
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Repository CRAN
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R topics documented:

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Description

A dataset containing list of accused witches, the month of accusation, whether they were executed and, if so, what month.

Usage

accused_witches

Format

A data frame with 152 rows and 8 variables:

<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accused.Witch</td>
<td>Name of accused</td>
</tr>
<tr>
<td>Residence</td>
<td>Town of residence</td>
</tr>
<tr>
<td>Month.of.Accusation</td>
<td>Month of accusation as number</td>
</tr>
<tr>
<td>Month.of.Execution</td>
<td>Month of execution as number. Missing for those not executed.</td>
</tr>
<tr>
<td>Sort</td>
<td>ID from original data set</td>
</tr>
<tr>
<td>Month.of.Accusation.Name</td>
<td>Month of accusation as ordered factor</td>
</tr>
<tr>
<td>Month.of.Execution.Name</td>
<td>Month of execution as ordered factor. Missing for those not executed.</td>
</tr>
<tr>
<td>executed</td>
<td>Indicator of whether the accused was executed</td>
</tr>
</tbody>
</table>

Source

https://www.tulane.edu/~salem/Accused%20Witches.html
**committee_list**  

**Committee list**

**Description**

A dataset containing list of Salem Village Committee members 1685-1698. Given in long format, with one row per member per year. In 1688 there were only 4 members; in all other years there were five.

**Usage**

committee_list

**Format**

A data frame with 69 rows and 5 variables:

- **Committee.Members**: Name of committee member
- **Social**: Their social position (3 groups)
- **Petition**: Did this person sign either the pro- or anti-Parris petition in 1695
- **Sort**: ID from original data set
- **Year**: Year of membership

**Source**

https://www.tulane.edu/~salem/Committee%20List%20Data%20Set.html

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**parris_social**  

The social positions of pro-Parris and anti-Parris individuals

**Description**

A dataset containing a list of individuals who signed pro-Parris and anti-Parris petitions and their social positions

**Usage**

parris_social

**Format**

A data frame with 189 rows and 5 variables:

- **Name**: Name of the individual
- **view**: Stance on Parris
- **Sex**: Sex of the individual
- **Identification**: The social position of the individual (five groups)
- **Sort**: ID from original data set
salem_region

Source
https://www.tulane.edu/~salem/Pro-Parris%20Data%20Set.html

salem_region  Simple Features data for Salem

Description
A dataset containing map information for the three counties represented in the accused_witches data set (not including present-day Maine locations) in simple features format. It also includes associated data on accusations. This data should never be used to analyze accusations. The data is based on modern town boundaries from the Massachuessetts Document Repository. Some simple cleaning has been done to facilitate basic mapping. Specifically, the names Salem Town and Salem Village are used rather than the modern Salem and Danvers. Additionally, a field, TOWN_LABEL is attached to the largest area for each town or community.

Usage
salem_region

Format
A data frame with 437 rows and 28 variables:

- **TOWN** Name of town in upper case letters
- **TOWN_ID** ID of town
- **TYPE** Type of municipality C = City or T = Town
- **ISLAND** Indicator for islands. Note that many towns have multiple polygons
- **COASTAL_PO** YES for ocean polygon within town limits, NO otherwise
- **FOURCOLOR** Codes allowing shading of all towns with 4 symbols
- **FIPS_STCO** FIPS for state and county
- **CCD_MCD** US Census town code
- **FIPS_PLACE** FIPS town code
- **FIPS_MCD** FIPS State & County & Census Town Code concatenated
- **FIPS_COUNT** FIPS County
- **ACRES** Area in acres
- **SQUARE_MIL** Area in square miles
- **SHAPE_Leng** The perimeter in meters
- **SHAPE_Area** The polygon area in square meters
- **n_accused** Total accused
- **February** Number accused in February
- **March** Number accused in March
April  Number accused in April
May   Number accused in May
June  Number accused in June
July  Number accused in July
August Number accused in August
September Number accused in September
October Number accused in October
November Number accused in November
TOWN_LABEL  Town name to be used for labelling
gometry  Simple Features geometry

Details
Complex analyses require the sf package, but simple mapping can be done using ggplot2.
FIPS refers to the Federal Information Processing Standard

Source

salem_village   Salem village

Description
A dataset containing tax list of everyone who appeared on the tax assessment rolls for 1690, 1695, and 1697. This is a “a good, though imperfect, indicator of the village’s adult male population” plus some widows (and excluding young men who were not independent).

Usage
salem_village

Format
A data frame with 137 rows and 5 variables:
Name  Name of taxpayer (may be a family)
Petition Did this person sign either the pro- or anti-Parris petition in 1695
Church.to.1696 Was the person a member of any church through 1696
Sort  ID from original data set
Details

May be merged with the tax_comparison data set based on name matching, but care should be taken to review and make judgements about matching.

Source

https://www.tulane.edu/~salem/Salem%20Village%20Data%20Set.html

| tax_comparison | Tax list data for Salem |

Description

A dataset containing tax list data for Salem, MA, 1681-1700. Payments are in shillings (converted from original records). Petition refers to Pro-Parris, Anti-Parris and No Signature. Data are in long format with one record per person per year, while the original data was in wide format with a variable for each year. May be merged with the tax_comparison data set based on name matching, but care should be taken to review and make judgements about matching. This data set includes more years of tax records than salem_village.

Usage

tax_comparison

Format

A data frame with 200 rows and 5 variables:

- **Name**: Name of the tax payer
- **Petition**: Stance on Petition
- **Year**: Year of payment
- **Tax**: Tax paid
- **Sort**: ID from original data set

Source

https://www.tulane.edu/~salem/Tax%20Comparison%20Data%20Set.html
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