

# Package ‘survivoR’

January 8, 2022

**Type** Package

**Title** Data from all Seasons of Survivor (US) TV Series in Tidy Format

**Version** 0.9.9

## Description

Several datasets which detail the results and events of each season of Survivor. This includes details on the cast, voting history, immunity and reward challenges, jury votes and viewers. This data is useful for practicing data wrangling, graph analytics and analysing how each season of Survivor played out. Includes 'ggplot2' scales and colour palettes for visualisation.

**Depends** R (>= 3.5.0)

**Imports** dplyr, tidyr, ggplot2, stringr, magrittr

**Suggests** forcats, glue

**License** MIT + file LICENSE

**URL** <https://github.com/doehm/survivoR>

**BugReports** <https://github.com/doehm/survivoR/issues>

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1

**NeedsCompilation** no

**Author** Daniel Oehm [aut, cre]

**Maintainer** Daniel Oehm <danieloehm@gmail.com>

**Repository** CRAN

**Date/Publication** 2022-01-08 09:50:02 UTC

## R topics documented:

castaways . . . . .	2
castaway_details . . . . .	3

challenges . . . . .	4
challenge_description . . . . .	5
challenge_results . . . . .	7
clean_votes . . . . .	8
confessionals . . . . .	9
hidden_idols . . . . .	9
jury_votes . . . . .	10
season_palettes . . . . .	11
season_summary . . . . .	11
survivor_pal . . . . .	12
tribes_pal . . . . .	13
tribe_colours . . . . .	15
tribe_mapping . . . . .	16
viewers . . . . .	17
vote_history . . . . .	17

<b>Index</b>	<b>20</b>
--------------	-----------

---

castaways	<i>Castaways</i>
-----------	------------------

---

## Description

A dataset containing details on the results for every castaway and season

## Usage

castaways

## Format

This data frame contains the following columns:

season Season number

season\_name Season name

full\_name Full name of the castaway

castaway\_id ID of the castaway (primary key). Consistent across seasons and name changes e.g. Amber Brkich / Amber Mariano

castaway Name of castaway. Generally this is the name they were most commonly referred to or nickname e.g. no one called Coach, Benjamin. He was simply Coach

age Age of the castaway during the season they played

city City of residence during the season they played

state State of residence during the season they played

personality\_type The Myer-Briggs personality type of the castaway. This will be removed from this table and maintained on castaway\_details in later releases

episode Episode number

day Number of days the castaway survived. A missing value indicates they later returned to the game that season

order Order in which castaway was voted out e.g. 5 is the 5th person voted of the island

result Final result

jury\_status Jury status

original\_tribe Original tribe name

swapped\_tribe Swapped tribe name

swapped\_tribe\_2 Second swapped tribe in the event of a second tribe swap or other tribe restructure such as absorbed tribe, outcasts, etc

merged\_tribe Merged tribe name

total\_votes\_received Total number of tribal votes received during the main game for a given season (not overall for those who have played more than once). This includes votes from ties

immunity\_idols\_won The number of immunity idols won by a castaway for the given season

### Source

[https://en.wikipedia.org/wiki/Survivor\\_\(American\\_TV\\_series\)](https://en.wikipedia.org/wiki/Survivor_(American_TV_series))

### Examples

```
library(dplyr)
library(tidyr)
castaways %>%
  filter(season == 40)
```

---

castaway_details	<i>Castaway details</i>
------------------	-------------------------

---

### Description

A dataset containing details on the castaways for each season

### Usage

```
castaway_details
```

### Format

This data frame contains the following columns:

castaway\_id ID of the castaway (primary key). Consistent across seasons and name changes e.g. Amber Brkich / Amber Mariano

full\_name Full name of the castaway

`short_name` Short name of the castaway. Name typically used during the season. Sometimes there are multiple people with the same name e.g. Rob C and Rob M in Survivor All-Stars. This field takes the most verbose name used

`date_of_birth` Date of birth

`date_of_death` Date of death

`gender` Gender of castaway

`race` Race (if known)

`ethnicity` Ethnicity (if known)

`occupation` Occupation

`personality_type` The Myer-Briggs personality type of the castaway

### Details

Race and ethnicity data is included if known and can point to a source, rather than making an assumption about an individual.

### Source

[https://survivor.fandom.com/wiki/Main\\_Page](https://survivor.fandom.com/wiki/Main_Page), <https://www.personality-database.com/>

### Examples

```
library(dplyr)
castaway_details |>
  count(gender)
```

---

challenges

*Challenges*

---

### Description

The challenges data set has been superseded by two new data sets `challenge_results` and `challenge_description`.

### Usage

challenges

### Format

This nested data frame contains the following columns:

`season_name` The season name

`season` The season number

`episode` Episode number

`day` The day of the tribal council

challenge\_type The challenge type e.g. immunity, reward, etc  
 challenge\_name [under development] Name of the challenge played (TBA)  
 outcome\_type Whether the challenge is individual or tribal. Some individual reward challenges may involve multiple castaways as the winner gets to choose who they bring along  
 winners\_id The ID of the winners of the challenge. Consistent with castaway\_id  
 winners The list of winners. Either the list of people in the tribe which won, list of people that participated on the reward or the individual winner  
 winning\_tribe Name of the winner tribe. NA during the merge

### Details

A nested tidy data frame of immunity and reward challenge results. The winners and winning tribe of the challenge are found by expanding the 'winners' column. For individual immunity challenges the winning tribe is simply 'NA'.

Typically in the merge if a single person win a reward they are allowed to bring others along with them. The first castaway in the expanded list is likely to be the winner and the subsequent players those they brought along with them. Although, not always. Occasionally in the merge the castaways are split into two teams for the purpose of the reward, in which case all castaways win the reward rather than a single person.

The 'day' field on this data set represents the day of the tribal council rather than the day of the challenge. This is to more easily associate the reward challenge with the immunity challenge and result of the tribal council. It also helps for joining tables.

Note the challenges table is the combined immunity and rewards tables which will eventually be dropped in later releases.

### Source

[https://en.wikipedia.org/wiki/Survivor\\_\(American\\_TV\\_series\)](https://en.wikipedia.org/wiki/Survivor_(American_TV_series))

### Examples

```

library(dplyr)
library(tidyr)
challenges %>%
  filter(season == 40) %>%
  unnest(winners)
  
```

---

challenge\_description *Challenge Description*

---

### Description

A dataset detailing the challenges played and the elements they include over all seasons of Survivor

**Usage**

challenge\_description

**Format**

This data frame contains the following columns:

challenge\_id Primary key

challenge\_name The name of the challenge. Challenges can go by different names but where possible recurring challenges are kept consistent. While there are tweaks to the challenges where the main components of the challenge consistent they share the same name

puzzle If the challenge contains a puzzle element

race If the challenge is a race between tribes, teams or individuals

precision If the challenge contains a precision element e.g. shooting an arrow, hitting a target, etc

endurance If the challenge is an endurance event e.g. last tribe, team, individual standing

strength If the challenge has a strength based

turn\_based If the challenge is turn bases i.e. conducted in rounds

balance If the challenge contains a balancing element. My refer to the player balancing on something or the player balancing an object on something e.g. The Ball Drop

food If the challenge contains a food element e.g. the food challenge, biting off chunks of meat

knowledge If the challenge contains a knowledge component e.g. Q and A about the location

memory If the challenge contains a memory element e.g. memorising a sequence of items

fire If the challenge contains an element of fire making / maintaining

water If the challenge is held, in part, in the water

**Details**

The features of each challenge have been determined largely through string searches of key words or phrases in the challenge description. It may not capture the full essence of the challenge but on the whole will provide a good basis for analysis.

Please log any suggested corrections at <https://github.com/doehm/survivoR>

For updated data please see the git version.

**Source**

<https://survivor.fandom.com/wiki/Category:Challenges>

**Examples**

```
library(dplyr)
library(tidyr)
challenge_description
```

---

challenge_results	<i>Challenge Results</i>
-------------------	--------------------------

---

### Description

A dataset detailing the challenges played including reward and immunity challenges. immunity and rewards datasets.

### Usage

challenge\_results

### Format

This nested data frame contains the following columns:

season\_name The season name

season The season number

episode Episode number

day The day of the tribal council

episode\_title Episode title

challenge\_name The name of the challenge. Challenges can go by different names but where possible recurring challenges are kept consistent. While there are tweaks to the challenges where the main components of the challenge consistent they share the same name

challenge\_type The challenge type e.g. immunity, reward, etc

outcome\_type Whether the challenge is individual or tribal. Some individual reward challenges may involve multiple castaways as the winner gets to choose who they bring along

challenge\_id Primary key to the challenge\_description data set which contains features of the challenge

winning\_tribe Name of the winner tribe. NA during the merge

outcome\_status Identifies the winner of individual reward challenges and those chosen to participate i.e. they didn't win but were chosen by the winner to join them on the reward.

winner The list of winners. Either the list of people in the tribe which won, list of people that participated on the reward or the individual winner

winner\_id The ID of the winners of the challenge. Consistent with castaway\_id

### Details

A nested tidy data frame of immunity and reward challenge results. The winners and winning tribe of the challenge are found by expanding the winner column. For individual immunity challenges the winning tribe is simply NA.

Typically in the merge if a single person win a reward they are allowed to bring others along with them. The first castaway in the expanded list is likely to be the winner and the subsequent players

those they brought along with them. Although, not always. Occasionally in the merge the castaways are split into two teams for the purpose of the reward, in which case all castaways win the reward rather than a single person.

The day field on this data set represents the day of the tribal council rather than the day of the challenge. This is to more easily associate the reward challenge with the immunity challenge and result of the tribal council. It also helps for joining tables.

### Source

[https://en.wikipedia.org/wiki/Survivor\\_\(American\\_TV\\_series\)](https://en.wikipedia.org/wiki/Survivor_(American_TV_series))

### Examples

```
library(dplyr)
library(tidyr)
challenge_results %>%
  filter(season == 40) %>%
  unnest(winners)
```

---

clean\_votes

*Cleans votes*

---

### Description

There are certain events in the game of survivor which mean someone may attend tribal council and not get the chance to vote for some reason or their vote is unique e.g. when rocks are drawn. You may want to remove the votes that were not an actual vote for a person. `clean_votes` is a convenience function to remove these records. Can be piped.

### Usage

```
clean_votes(df)
```

### Arguments

`df` Data frame which must contain the vote data.

### Value

Returns a tidy data frame

### Examples

```
library(dplyr)
vh <- vote_history %>%
  filter(
    season == 40,
    episode == 10
  ) %>%
```



```
count(vote)
vh

vh %>%
clean_votes()
```

---

 confessionals
 

---



---

*Confessionals*


---

### Description

A dataset containing the count of confessionals per castaway per episode. A confessional is when the castaway is speaking directly to the camera about their game.

### Usage

```
confessionals
```

### Format

This data frame contains the following columns:

season\_name The season name

season The season number

episode Episode number

castaway Name of the castaway

castaway\_id ID of the castaway (primary key). Consistent across seasons and name changes e.g. Amber Brkich / Amber Mariano

confessional\_count The count of confessionals for the castaway during the episode

---

 hidden\_idols
 

---



---

*Hidden Immunity Idols*


---

### Description

A dataset containing the history of hidden immunity idols including who found them, on what day and which day they were played.

### Usage

```
hidden_idols
```

**Format**

This data frame contains the following columns:

season\_name The season name

season The season number

castaway\_id ID of the castaway (primary key). Consistent across seasons and name changes e.g. Amber Brkich / Amber Mariano

castaway Name of the castaway

idol\_number Indicates whether it is the first, second, etc idol found in the season

idols\_held The number of idols held by the castaway

votes\_nullified The number of votes nullified by the idol

day\_found The day the idol was found

day\_played The day of the tribal council

legacy\_advantage If the idol was a legacy advantage or not

**Source**

[https://survivor.fandom.com/wiki/Hidden\\_Immunity\\_Idol](https://survivor.fandom.com/wiki/Hidden_Immunity_Idol)

---

jury\_votes

*Jury votes*

---

**Description**

A dataset containing details on the final jury votes to determine the winner for each season

**Usage**

jury\_votes

**Format**

This data frame contains the following columns:

season\_name The season name

season The season number

castaway Name of the castaway

finalist The finalists for which a vote can be placed

vote Vote. 0-1 variable for easy summation

castaway\_id ID of the castaway (primary key). Consistent across seasons and name changes e.g. Amber Brkich / Amber Mariano

finalist\_id The ID of the finalist for which a vote can be placed. Consistent with castaway ID

**Source**

[https://en.wikipedia.org/wiki/Survivor\\_\(American\\_TV\\_series\)](https://en.wikipedia.org/wiki/Survivor_(American_TV_series))

**Examples**

```
library(dplyr)
jury_votes %>%
  filter(season == 40) %>%
  group_by(finalist) %>%
  summarise(votes = sum(vote))
```

---

season_palettes	<i>Season palettes</i>
-----------------	------------------------

---

**Description**

A dataset containing palettes generated from the season logos

**Usage**

```
season_palettes
```

**Format**

This nested data frame contains the following columns:

```
season_name The season name
season      The season number
palette     The season palette
```

**Source**

[https://en.wikipedia.org/wiki/Survivor\\_\(American\\_TV\\_series\)](https://en.wikipedia.org/wiki/Survivor_(American_TV_series))

---

season_summary	<i>Season summary</i>
----------------	-----------------------

---

**Description**

A dataset containing a summary of all 40 seasons of Survivor

**Usage**

```
season_summary
```

**Format**

This data frame contains the following columns:

season\_name Season name  
 season Sesaon number  
 location Location of the season  
 country Country the season was held  
 tribe\_setup Initial setup of the tribe e.g. heroes vs Healers vs Hustlers  
 full\_name Full name of the winner  
 winner\_id ID for the winner of the season (primary key)  
 winner Winner of the season  
 runner\_ups Runner ups for the season. Either one or two runner ups as a string  
 final\_vote Final vote allocation. See the jury\_votes dataset for better aggregation of this data  
 timeslot Timeslot of the show in the US  
 premiered Date the first episode aired  
 ended Date the season ended  
 filming\_started Date the filming of the season started  
 filming\_ended Date the filming ended (39 or 42 days after the start)  
 viewers\_premier Number of viewers (millions) who tuned in for the premier  
 viewers\_finale Number of viewers (millions) who tuned in for the finale  
 viewers\_reunion Number of viewers (millions) who tuned in for the reunion  
 viewers\_mean Average number of viewers (millions) who tuned in over the season  
 rank Season rank

**Source**

[https://en.wikipedia.org/wiki/Survivor\\_\(American\\_TV\\_series\)](https://en.wikipedia.org/wiki/Survivor_(American_TV_series))

---

survivor_pal	<i>Survivor season colour palette</i>
--------------	---------------------------------------

---

**Description**

ggplot2 scales for each season of Survivor.

**Usage**

```

survivor_pal(season = NULL, scale_type = "d", reverse = FALSE, ...)

scale_fill_survivor(season = NULL, scale_type = "d", reverse = FALSE, ...)

scale_colour_survivor(season = NULL, scale_type = "d", reverse = FALSE, ...)

```

**Arguments**

season	Season number
scale_type	Discrete or continuous. Input d or c.
reverse	Logical. Reverse the palette?
...	Other arguments passed on to methods.

**Details**

Palettes are created from the logo for the season.

**Value**

Scale functions for ggplot2

**Examples**

```
library(ggplot2)
library(dplyr)
mpg %>%
  ggplot(aes(x = displ, fill = manufacturer)) +
  geom_histogram(colour = "black") +
  scale_fill_survivor(40)
```

---

tribes_pal	<i>Tribes colour palette</i>
------------	------------------------------

---

**Description**

To create scale functions for ggplot. Given a season of Survivor, a palette is created from the tribe colours for that season including the merged tribe.

**Usage**

```
tribes_pal(season = NULL, scale_type = "d", reverse = FALSE, tribe = NULL, ...)

scale_fill_tribes(season = NULL, scale_type = "d", reverse = FALSE, ...)

scale_colour_tribes(season = NULL, scale_type = "d", reverse = FALSE, ...)
```

**Arguments**

season	Season number
scale_type	Discrete or continuous. Input d or c.
reverse	Logical. Reverse the palette?
tribe	Tribe names. Default NULL
...	Other arguments passed on to methods.

## Details

If it is intended the colours will correspond to the tribes e.g. a stacked bar chart of votes given to each finalist and the colour corresponds to their original tribe (as in the example below), the tribe vector needs to be passed to the scale function (for now). If no tribe vector is given it will simply treat the tribe colours as a colour palette.

## Value

Scale functions for ggplot2

## Examples

```
library(ggplot2)
library(stringr)
library(dplyr)
library(glue)
ssn <- 35
labels <- castaways %>%
  filter(
    season == ssn,
    str_detect(result, "Sole|unner")
  ) %>%
  select(castaway, original_tribe) %>%
  mutate(label = glue("{castaway} ({original_tribe}")) %>%
  select(label, castaway)
jury_votes %>%
  filter(season == ssn) %>%
  left_join(
    castaways %>%
      filter(season == ssn) %>%
      select(castaway, original_tribe),
    by = "castaway"
  ) %>%
  group_by(finalist, original_tribe) %>%
  summarise(votes = sum(vote)) %>%
  left_join(labels, by = c("finalist" = "castaway")) %>% {
  ggplot(., aes(x = label, y = votes, fill = original_tribe)) +
    geom_bar(stat = "identity", width = 0.5) +
    scale_fill_tribes(ssn, tribe = .$original_tribe) +
    theme_minimal() +
    labs(
      x = "Finalist (original tribe)",
      y = "Votes",
      fill = "Original\\ntribe",
      title = "Votes received by each finalist"
    )
  }
```

---

tribe_colours	<i>Tribe colours</i>
---------------	----------------------

---

### Description

A dataset containing the tribe colours for each season

### Usage

```
tribe_colours
```

### Format

This data frame contains the following columns:

season\_name The season name

season The season number

tribe Tribe name

tribe\_colour Colour of the tribe

tribe\_status Tribe status e.g. original, swapped or merged. In the instance where a tribe is formed at the swap by splitting 2 tribes into 3, the 3rd tribe will be labelled 'swapped'

### Source

<https://survivor.fandom.com/wiki/Tribe>

### Examples

```
library(ggplot2)
library(dplyr)
library(forcats)
df <- tribe_colours %>%
  group_by(season_name) %>%
  mutate(
    xmin = 1,
    xmax = 2,
    ymin = 1:n(),
    ymax = ymin + 1
  ) %>%
  ungroup() %>%
  mutate(
    season_name = fct_reorder(season_name, season),
    font_colour = ifelse(tribe_colour == "#000000", "white", "black")
  )
ggplot() +
  geom_rect(data = df,
    mapping = aes(xmin = xmin, xmax = xmax, ymin = ymin, ymax = ymax),
    fill = df$tribe_colour) +
```

```
geom_text(data = df,
  mapping = aes(x = xmin+0.5, y = ymin+0.5, label = tribe),
  colour = df$font_colour) +
theme_void() +
facet_wrap(~season_name, scales = "free_y")
```

---

tribe_mapping	<i>Tribe mapping</i>
---------------	----------------------

---

### Description

A mapping for castaways to tribes for each day (day being the day of the tribal council) This is useful for observing who is on what tribe throughout the game.

### Usage

```
tribe_mapping
```

### Format

This data frame contains the following columns:

season\_name The season name

season The season number

episode Episode number

day The day of the tribal council

castaway\_id ID of the castaway (primary key). Consistent across seasons and name changes e.g. Amber Brkich / Amber Mariano

castaway Name of the castaway

tribe Name of the tribe the castaway was on

tribe\_status The status of the tribe e.g. original, swapped, merged, etc. See details for more

### Details

Each season by day holds a complete list of castaways still in the game and which tribe they are on. Moving through each day you can observe the changes in the tribe. For example the first day (usual day 2) has all castaways mapped to their original tribe. The next day has the same minus the castaway just voted out. This is useful for observing the changes in tribe make either due to castaways being voted off the island, tribe swaps or otherwise.

### Source

[https://en.wikipedia.org/wiki/Survivor\\_\(American\\_TV\\_series\)](https://en.wikipedia.org/wiki/Survivor_(American_TV_series))



---

viewers

*Viewers*

---

**Description**

A dataset containing the viewer history for each season and episode

**Usage**

viewers

**Format**

This data frame contains the following columns:

season\_name The season name

season Season number

episode\_number\_overall The cumulative episode number

episode Episode number for the season

episode\_title Episode title

episode\_date Date the episode aired

viewers Number of viewers (millions) who tuned in

rating\_18\_49 TV rating for the 18-49 aged group

share\_18\_49 TV share for the 18-49 aged group

**Source**

[https://en.wikipedia.org/wiki/Survivor\\_\(American\\_TV\\_series\)](https://en.wikipedia.org/wiki/Survivor_(American_TV_series))

---

vote\_history

*Vote history*

---

**Description**

A dataset containing details on the vote history for each season

**Usage**

vote\_history

**Format**

This data frame contains the following columns:

season\_name The season name

season The season number

episode Episode number

day Day the tribal council took place

tribe\_status The status of the tribe e.g. original, swapped, merged, etc. See details for more

castaway Name of the castaway

immunity Type of immunity held by the castaway at the time of the vote e.g. individual, hidden (see details for hidden immunity data)

vote The castaway for which the vote was cast

nullified Was the vote nullified by a hidden immunity idol? Logical

voted\_out The castaway who was voted out

order The order in which the castaway was voted off the island

vote\_order In the case of ties this indicates the order the votes took place

castaway\_id ID of the castaway (primary key). Consistent across seasons and name changes e.g. Amber Brkich / Amber Mariano

vote\_id ID of the castaway voted for

voted\_out\_id ID of the castaway voted\_out

**Details**

This data frame contains a complete history of votes cast across all seasons of Survivor. While there are consistent events across the seasons there are some unique events such as the 'mutiny' in Survivor: Cook Islands (season 13) or the 'Outcasts' in Survivor: Pearl Islands (season 7). For maintaining a standard, whenever there has been a change in tribe for the castaways it has been recorded as swapped. swapped is used as the term since 'the tribe swap' is a typical recurring milestone in each season of Survivor. Subsequent changes are recorded with a trailing digit e.g. swapped2. This includes absorbed tribes e.g. Stephanie was 'absorbed' in Survivor: Palau (season 10) and when 3 tribes are reduced to 2. These cases are still considered 'swapped' to indicate a change in tribe status.

Some events result in a castaway attending tribal but not voting. These are recorded as

Win The castaway won the fire challenge

Lose The castaway lost the fire challenge

None The castaway did not cast a vote. This may be due to a vote steal or some other means

Immune The castaway did not vote but were immune from the vote

Where a castaway has immunity == 'hidden' this means that player is protected by a hidden immunity idol. It may not necessarily mean they played the idol, the idol may have been played for them. While the nullified votes data is complete the immunity data does not include those who had immunity but did not receive a vote. This is a TODO.

In the case where the 'steal a vote' advantage was played, there is a second row for the castaway that stole the vote. The castaway who had their vote stolen are is recorded as None.

Many castaways have been medically evacuated, quit or left the game for some other reason. In these cases where no votes were cast there is a skip in the order variable. Since no votes were cast there is nothing to record on this data frame. The correct order in which castaways departed the island is recorded on castaways.

In the case of a tie, voted\_out is recorded as tie to indicate no one was voted off the island in that instance. The re-vote is recorded with vote\_order = 2 to indicate this is the second round of voting. In the case of a second tie voted\_out is recorded as tie2. The third step is either a draw of rocks, fire challenge or countback (in the early days of survivor). In these cases vote is recorded as the colour of the rock drawn, result of the fire challenge or 'countback'.

### Source

[https://en.wikipedia.org/wiki/Survivor\\_\(American\\_TV\\_series\)](https://en.wikipedia.org/wiki/Survivor_(American_TV_series))

### Examples

```
# The number of times Tony voted for each castaway in Survivor: Winners at War
library(dplyr)
vote_history %>%
  filter(
    season == 40,
    castaway == "Tony"
  ) %>%
  count(vote)
```

# Index

## \* datasets

- castaway\_details, 3
- castaways, 2
- challenge\_description, 5
- challenge\_results, 7
- challenges, 4
- confessionals, 9
- hidden\_idols, 9
- jury\_votes, 10
- season\_palettes, 11
- season\_summary, 11
- tribe\_colours, 15
- tribe\_mapping, 16
- viewers, 17
- vote\_history, 17

- castaway\_details, 3
- castaways, 2
- challenge\_description, 5
- challenge\_results, 7
- challenges, 4
- clean\_votes, 8
- confessionals, 9

- hidden\_idols, 9

- jury\_votes, 10

- scale\_colour\_survivor (survivor\_pal), 12
- scale\_colour\_tribes (tribes\_pal), 13
- scale\_fill\_survivor (survivor\_pal), 12
- scale\_fill\_tribes (tribes\_pal), 13
- season\_palettes, 11
- season\_summary, 11
- survivor\_pal, 12

- tribe\_colours, 15
- tribe\_mapping, 16
- tribes\_pal, 13

- viewers, 17
- vote\_history, 17