Package: agregR (via r-universe)

October 29, 2026

Encoding UTF-8

Type Package

URL https://rnmag.github.io/agregR/, https://github.com/rnmag/agregR

Title Bayesian State-Space Aggregation of Brazilian Presidential Polls

Description A set of dynamic measurement models to estimate latent vote shares from noisy polling sources. The models build on Jackman (2009, ISBN: 9780470011546) and feature specialized methods for bias adjustment based on past performance and correction for asymmetric errors based on candidate political alignment.

Version 1.0.4.9000

Depends R (>= 4.1.0), ggdist (>= 3.1.0)

Imports instantiate, tibble, dplyr, tidyr, purrr, readr, stringr, tidyselect, ggplot2, ggrepel, scales, lubridate, cli, ragg, sysfonts, showtext, stringi, grid, systemfonts

Suggests bayesplot, cmdstanr (>= 0.5.0), testthat (>= 3.0.0)

Additional_repositories https://stan-dev.r-universe.dev

SystemRequirements CmdStan (https://mc-stan.org/users/interfaces/cmdstan)

LazyData true

Roxygen list(markdown = TRUE)

Config/testthat/edition 3

License MIT + file LICENSE

Config/roxygen2/version 8.1.0

Config/pak/sysreqs cmake libfontconfig1-dev libfreetype6-dev libfribidi-dev make libharfbuzz-dev libicu-dev libjpeg-dev libpng-dev libtiff-dev libuv1-dev libwebp-dev libx11-dev zlib1g-dev

Repository https://rnmag.r-universe.dev

Date/Publication 2026-10-29 14:10:20 UTC

RemoteUrl https://github.com/rnmag/agregr

RemoteRef HEAD

RemoteSha 21eb6130801eaf301833173f55f5fdc3077440a2

Contents

configurar_agregador 2
configurar_grafico 4
configurar_prioris 5
grafico_agregador 8
grafico_priori_posteriori 9
grafico_vies 10
historico_pesquisas_poder360 12
rodar_agregador 13

Index **17**

`configurar_agregador` *Configuration function for Poll Aggregator*

Description

Defines configuration parameters for the poll aggregator, including Stan settings, and election details.

Usage

```
configurar_agregador(
  pesquisas = NULL,
  resultado_eleicao_passada = NULL,
  resultado_eleicao_atual = NULL,
  historico_pesquisas = NULL,
  candidaturas_1t = NULL,
  candidaturas_2t = NULL,
  direita_eleicao_atual = NULL,
  direita_eleicao_passada = "Bolsonaro",
  esquerda_eleicao_atual = NULL,
  esquerda_eleicao_passada = "Lula",
  eleicao_passada_primeiro_turno = "2/10/2022",
  eleicao_passada_segundo_turno = "30/10/2022",
  stan_cores = pmin(parallel::detectCores(), 4),
  stan_chains = 4,
  stan_warmup = 500,
  stan_sampling = 500,
  stan_init = 0.1,
  stan_adapt_delta = 0.95,
  saida_bases_tratadas = "resultados_agregador/bases_tratadas",
  saida_modelos_brutos = "resultados_agregador/modelos_brutos"
)
```

Arguments

pesquisas	Path to a CSV file or URL containing current poll data. Defaults to a GitHub Raw URL.
resultado_eleicao_passada	Path to a CSV file containing results from the previous election. Defaults to a GitHub Raw URL.
resultado_eleicao_atual	Path to a CSV file containing results for the current election (useful for retrospective model). Defaults to a GitHub Raw URL.
historico_pesquisas	Path to a CSV/RDS file containing historical poll data. If NULL (default), uses the package's internal dataset.
candidaturas_1t	Character vector of candidates in the 1st round. If NULL, uses default candidates.
candidaturas_2t	Character vector of candidates in the 2nd round. If NULL, uses default candidates.
direita_eleicao_atual	Character vector of right-wing candidates in the current race. If NULL, uses default candidates. The model can compensate institute errors against right-wing candidates in the last election.
direita_eleicao_passada	Name of the right-wing candidate in the previous election.
esquerda_eleicao_atual	Character vector of left-wing candidates in the current race. If NULL, uses default candidates. The model can compensate institute errors against left-wing candidates in the last election.
esquerda_eleicao_passada	Name of the left-wing candidate in the previous election.
eleicao_passada_primeiro_turno	Date of the previous 1st round (e.g., "2/10/2022").
eleicao_passada_segundo_turno	Date of the previous 2nd round (e.g., "30/10/2022").
stan_cores	Number of CPU cores for Stan to use.
stan_chains	Number of MCMC chains.
stan_warmup	Number of warmup iterations per chain.
stan_sampling	Number of sampling iterations per chain.
stan_init	Initial value for Stan parameters.
stan_adapt_delta	The target acceptance rate for Stan's NUTS algorithm.
saida_bases_tratadas	Directory where treated data will be saved.
saida_modelos_brutos	Directory where raw model objects will be saved.

Value

A list of configuration parameters.

Examples

```
# Create custom Stan settings
cfg_custom <- configurar_agregador(
  stan_warmup = 100,
  stan_sampling = 100
)
```

---

configurar_grafico *Configuration for Graphics*

Description

Defines configuration parameters for graphics, including colors, fonts, and dimensions.

Usage

```
configurar_grafico(
  fonte = "Fira Sans",
  cores_candidaturas = NULL,
  simbolos = NULL,
  graf_largura = 2918,
  graf_altura = 1913,
  graf_unidade = "px",
  graf_dpi = 320,
  dir_grafico = "resultados_agregador/graficos"
)
```

Arguments

fonte	Font family (default: "Fira Sans").
cores_candidaturas	Named vector or list of colors for candidates. Can be a partial override.
simbolos	Named vector or list of symbols for methodologies. Can be a partial override.
graf_largura	Width of saved plots.
graf_altura	Height of saved plots.
graf_unidade	Unit for dimensions ("px", "in", "cm", "mm").
graf_dpi	DPI for saved plots.
dir_grafico	Directory to save plots.

Value

A list of graphic configuration parameters.

Examples

```
# Alternative colors for use in the config_grafico argument in a plot
config_custom <- configurar_grafico(
  cores_candidaturas = c(Lula = "darkred")
)
```

`configurar_prioris` *Configuration for Statistical Models*

Description

Defines hyperparameters for the specific Bayesian models.

Usage

```
configurar_prioris(
  nome = NULL,
  mu_priori = NULL,
  sd_mu_priori = NULL,
  omega_eta_priori = NULL,
  nu_priori = NULL,
  sd_nu_priori = NULL,
  omega_zeta_priori = NULL,
  delta_priori = NULL,
  sd_delta_priori = NULL,
  tau_priori = NULL,
  sd_tau_priori = NULL,
  ...
)
```

Arguments

`nome`	Name of the model. If NULL, inherits the model used in `rodar_agregador()`.
`mu_priori`	Prior mean for the latent vote share at $t = 1$. See "Priors Details" section.
`sd_mu_priori`	Prior uncertainty for the initial latent vote.
`omega_eta_priori`	Prior mean for the level volatility (ω_η).
`nu_priori`	Prior mean for the initial trend (daily growth rate).
`sd_nu_priori`	Prior uncertainty for the initial trend.
`omega_zeta_priori`	Prior mean for the trend volatility (ω_ζ).
`delta_priori`	Mean expected bias for institutes.
`sd_delta_priori`	Scale of the bias prior.
`tau_priori`	Mean expected magnitude of errors not explained by sampling or house effects.
`sd_tau_priori`	Prior uncertainty for non-sampling error.
`...`	Additional arguments to override default hyperparameters.

Value

A list of model parameters.

Priors Details

These hyperparameters control the strength of assumptions regarding latent state evolution, institute bias, and non-sampling errors.

Variable names refer to the model notation described in https://rnmag.github.io/agregR/index.html#conceptual-framework

Recommended reading: https://github.com/stan-dev/stan/wiki/prior-choice-recommendations

State Model - Level (μ)

- `mu_priori`: Prior mean for the latent vote share at $t = 1$.
- `sd_mu_priori`: Prior uncertainty for the initial latent vote.
  - *Default values*: μ starts with a flat prior of N(0.5, 0.5), allowing data to quickly dominate inference.
- `omega_eta_priori`: Prior mean for the level volatility (ω_η).
  - *Default values*: With `omega_eta_priori = 0.002`, the model assumes a **baseline drift** of approx. ± 2 percentage points over a month ($1.96 \times \sqrt{30} \times 0.002 \approx 0.02$).
  - *Higher values*: The latent vote (μ) can jump more from one day to the next. The model adapts more quickly to new polls but becomes more "jittery".
  - *Lower values*: The model assumes the public opinion level is more stable over time, resulting in smoother curves.

State Model - Trend (ν)

- `nu_priori`: Prior mean for the initial trend (daily growth rate).
- `sd_nu_priori`: Prior uncertainty for the initial trend.
  - *Default values*: With `nu_priori = 0` and `sd_nu_priori = 0.001`, the model expects an initial trend within ± 0.2 percentage points per day ($1.96 \times 0.001 \approx 0.002$).
- `omega_zeta_priori`: Prior mean for the trend volatility (ω_ζ).
  - *Default values*: With `omega_zeta_priori = 0.00001`, the model assumes a linear evolution, allowing the trend to shift rapidly (accelerations) only under strong evidence.
  - *Higher values:* The trend (ν) can change direction or magnitude rapidly.
  - *Lower values:* The trend is assumed to be more constant over time (more linear evolution).

Institute Bias (δ)

- `delta_priori`: Mean expected bias for institutes. Default is 0, except in "Viés Empírico" where it is anchored on past performance.
- `sd_delta_priori`: Scale of the bias prior.
  - *Default values*: With `delta_priori = 0` and `sd_delta_priori = 0.02`, the model assumes that 95% of institutes have a bias within ± 4 percentage points ($1.96 \times 0.02 \approx 0.04$).
  - *Higher values:* Allow for larger, more variable biases across institutes.

  - *Lower values:* Constrain institutes to have similar biases (shrinkage toward the anchor).

Non-Sampling Error (τ)

- `tau_priori`: Mean expected magnitude of errors not explained by sampling or house effects. In weighted models, this is replaced by the empirical RMSE from past elections.
- `sd_tau_priori`: Prior uncertainty for non-sampling error.
  - *Default values*: With `tau_priori = 0.02` and `sd_tau_priori = 0.02`, the model assumes a **baseline** of ± 4 percentage points of "noise" in each poll, allowing it to spread closer to ± 7 percentage points.
  - *Higher values:* The model treats polls as less precise, widening the credible intervals of the latent state.
  - *Lower values:* The model trusts polling precision more, leading to tighter intervals and potentially more sensitivity to outliers.

Model Defaults

Each model has a specific set of default priors.

Viés Relativo com Pesos (Default)

- `mu_priori = 0.5`, `sd_mu_priori = 0.5`, `omega_eta_priori = 0.002`
- `nu_priori = 0`, `sd_nu_priori = 0.001`, `omega_zeta_priori = 0.00001`
- `delta_priori = 0`, `sd_delta_priori = 0.02`
- `sd_tau_priori = 0.02`
- *Not applicable:* `tau_priori` (model uses empirical values)

Viés Relativo sem Pesos

- `mu_priori = 0.5`, `sd_mu_priori = 0.5`, `omega_eta_priori = 0.002`
- `nu_priori = 0`, `sd_nu_priori = 0.001`, `omega_zeta_priori = 0.00001`
- `delta_priori = 0`, `sd_delta_priori = 0.02`
- `tau_priori = 0.02`, `sd_tau_priori = 0.02`

Viés Empírico

- `mu_priori = 0.5`, `sd_mu_priori = 0.5`, `omega_eta_priori = 0.002`
- `nu_priori = 0`, `sd_nu_priori = 0.001`, `omega_zeta_priori = 0.00001`
- `sd_delta_priori = 0.02`
- `sd_tau_priori = 0.02`
- *Not applicable:* `delta_priori` and `tau_priori` (model uses empirical values for both)

Retrospectivo

- `mu_priori = 0.5`, `sd_mu_priori = 0.5`, `omega_eta_priori = 0.002`
- `nu_priori = 0`, `sd_nu_priori = 0.001`, `omega_zeta_priori = 0.00001`
- `delta_priori = 0`, `sd_delta_priori = 0.02`

- `tau_priori` = `0.02`, `sd_tau_priori` = `0.02`

Naive

- `mu_priori` = `0.5`, `sd_mu_priori` = `0.5`, `omega_eta_priori` = `0.002`
- *Not applicable:* `nu_priori`, `sd_nu_priori`, `omega_zeta_priori`, `delta_priori`, `sd_delta_priori`, `tau_priori`, `sd_tau_priori`

Examples

```
# Get default parameters for the "Naive" model
naive_params <- configurar_prioris(nome = "Naive")

# Get parameters for "Naive" and override a default value
custom_params <- configurar_prioris(nome = "Naive", sd_mu_priori = 0.2)
```

---

grafico_agregador *Plot Aggregator Results*

Description

Generates a plot of the aggregated poll results over time.

Usage

```
grafico_agregador(
  bd,
  salvar = FALSE,
  config_grafico = configurar_grafico(),
  dir_saida = NULL,
  ...
)
```

Arguments

`bd`	The results object returned by `rodar_agregador()`.
`salvar`	Logical. If TRUE, saves the plot to disk.
`config_grafico`	A list of graphic parameters created by `configurar_grafico()`.
`dir_saida`	Output directory for the saved plot if `salvar` = `TRUE`.
`...`	Additional arguments.

Value

A ggplot2 object.

Examples

```
if (instantiate::stan_cmdstan_exists()) {
  result <- rodar_agregador(
    data_inicio = "01/01/2025",
    data_fim = "31/12/2025",
    turno = 2,
    cenario = "Lula vs Bolsonaro"
  )

  # Standard plot
  std_plot <- grafico_agregador(result)

  # Altering candidate colors
  custom_plot <- grafico_agregador(
    result,
    config_grafico = configurar_grafico(
      cores_candidaturas = c(Lula = "yellow")
    )
  )
}
```

`grafico_priori_posteriori` *Plot Prior vs Posterior*

Description

Generates a plot comparing prior and posterior distributions for candidates or bias.

Usage

```
grafico_priori_posteriori(
  bd,
  candidaturas,
  tipo = "Viés",
  salvar = FALSE,
  config_agregador = configurar_agregador(),
  config_grafico = configurar_grafico(),
  config_prioris = configurar_prioris(bd$nome_modelo),
  dir_saida = NULL
)
```

Arguments

`bd`	The results object returned by `rodar_agregador()`.
`candidaturas`	A character vector of candidate names to include in the plot.
`tipo`	The type of da to plot: "Viés" (for institute bias) or "Percentual" (for candidate voting share).

salvar	Logical. If TRUE, saves the plot to disk.
config_agregador	A list of configuration parameters created by configurar_agregador().
config_grafico	A list of graphic parameters created by configurar_grafico().
config_prioris	A list of model hyperparameters created by configurar_prioris().
dir_saida	Output directory for the saved plot if salvar = TRUE.

Value

A ggplot2 object.

Examples

```
if (instantiate::stan_cmdstan_exists()) {
  result <- rodar_agregador(
    data_inicio = "01/01/2025",
    data_fim = "31/12/2025",
    turno = 2,
    cenario = "Lula vs Bolsonaro"
  )

  # Prior vs Posterior plot for institute bias
  std_plot <- grafico_priori_posteriori(
    result,
    tipo = "Viés",
    candidaturas = c("Lula", "Bolsonaro")
  )

  # Altering candidate colors
  custom_plot <- grafico_priori_posteriori(
    result,
    candidaturas = c("Lula", "Bolsonaro"),
    config_grafico = configurar_grafico(
      cores_candidaturas = c(Lula = "yelow")
    )
  )
}
```

---

grafico_vies *Plot Institute Bias*

Description

Generates a plot visualizing the bias of polling institutes.

Usage

```
grafico_vies(
  bd,
  candidaturas,
  salvar = FALSE,
  config_grafico = configurar_grafico(),
  dir_saida = NULL,
  ...
)
```

Arguments

bd	The results object returned by rodar_agregador().
candidaturas	A character vector of candidate names to include in the plot.
salvar	Logical. If TRUE, saves the plot to disk.
config_grafico	A list of graphic parameters created by configurar_grafico().
dir_saida	Output directory for the saved plot if salvar = TRUE.
...	Additional arguments.

Value

A ggplot2 object.

Examples

```
if (instantiate::stan_cmdstan_exists()) {
  result <- rodar_agregador(
    data_inicio = "01/01/2025",
    data_fim = "31/12/2025",
    turno = 2,
    cenario = "Lula vs Bolsonaro"
  )

  # Standard bias plot
  std_plot <- grafico_vies(
    result,
    candidaturas = c("Lula", "Bolsonaro")
  )

  # Altering candidate colors
  custom_plot <- grafico_vies(
    result,
    candidaturas = c("Lula", "Bolsonaro"),
    config_grafico = configurar_grafico(
      cores_candidaturas = c(Lula = "yellow")
    )
  )
}
```

`historico_pesquisas_poder360` *Historical Polls by Poder360*

Description

A dataset containing historical electoral polls compiled by Poder360. This dataset is used to calculate empirical priors for the models.

Usage

```
historico_pesquisas_poder360
```

Format

A data frame with columns:

ano Election year

cargo Office being contested

condicao Condition (e.g., stimulated)

contratante Entity that paid for the poll

data Date of the poll

data_referencia Reference date for the poll

descricao_cenario Description of the electoral scenario

id_candidato_poder360 Unique ID for the candidate

id_cenario Unique ID for the scenario

id_pesquisa Unique ID for the poll

instituto Name of the polling institute

margem_mais Upper margin of error

margem_menos Lower margin of error

nome_candidato Candidate name

nome_municipio City name (if applicable)

numero_registro Official registration number

orgao_registro Entity where the poll was registered

percentual Voting intention percentage

quantidade_entrevistas Sample size

sigla_partido Political party abbreviation

sigla_uf State abbreviation

tipo Poll type

tipo_voto Vote type (Total, Valid, etc.)

turno Election round (1 or 2)

Source

Poder360 via Base dos Dados

`rodar_agregador` *Run Poll Aggregator*

Description

Main function to run the state-space model for poll aggregation.

Usage

```
rodar_agregador(
  bd = NULL,
  data_inicio = NULL,
  data_fim = Sys.Date(),
  cargo = "Presidente",
  ambito = "Brasil",
  cenario = NULL,
  turno,
  modelo = "Viés Relativo com Pesos",
  config_agregador = NULL,
  config_prioris = NULL,
  salvar = FALSE,
  dir_saida = NULL
)
```

Arguments

`bd`	Dataframe or path to a CSV file containing poll data.
`data_inicio`	Start date for the analysis (mandatory).
`data_fim`	End date for the analysis.
`cargo`	The office/position being contested (e.g., "Presidente"). Current data only contains presidential polls, but the package supports expansion for other offices.
`ambito`	The geographical scope (e.g., "Brasil"). Current data only contains national polls, but the package supports expansion for state races.
`cenario`	The specific electoral scenario. Mandatory for second round.
`turno`	The election round (1 or 2).
`modelo`	The name of the model to run. Options: "Viés Relativo com Pesos" (default), "Viés Relativo sem Pesos", "Viés Empírico", "Retrospectivo" and "Naive".
`config_agregador`	A list of configuration parameters created by `configurar_agregador()`. If NULL, uses defaults.

`config_prioris`	A list of model hyperparameters created by `configurar_prioris()`. If NULL, uses defaults based on `modelo`.
`salvar`	Logical. If TRUE, saves the results to disk.
`dir_saida`	Output directory for saved files if `salvar = TRUE`.

Value

A list containing the model name, estimated votes, institute bias, and the raw model object.

Model Details

The aggregator supports five types of Bayesian state-space models, each with specific assumptions about institute bias and non-sampling errors:

1. Viés Relativo com Pesos (Default)

- **Assumption:** Institute biases are relative to the average of all institutes (latent "truth" is anchored to the consensus).
- **Bias (δ):** Calculated relative to the mean bias of all institutes.
- **Weights (τ):** Uses past election performance to weight the non-sampling error. Institutes with larger historical errors have less influence on the current estimate.
- **Use case:** Best for general forecasting when historical data is available.

2. Viés Relativo sem Pesos

- **Assumption:** Same as above, but treats all institutes as having equal potential quality a priori.
- **Bias (δ):** Calculated relative to the mean bias.
- **Weights (τ):** None. All institutes share the same prior for non-sampling error.
- **Use case:** When historical data is unreliable or when a "fresh start" assumption is desired.

3. Viés Empírico

- **Assumption:** Institute biases are anchored to their specific historical performance.
- **Bias (δ):** Prior means are set to the bias observed in the previous election (directional error).
- **Weights (τ):** Uses past performance for non-sampling error, similar to the "Com Pesos" model.
- **Use case:** When institutes are expected to repeat their specific past directional errors (e.g., consistently underestimating a specific wing).

4. Retrospectivo

- **Assumption:** The true election result is known and used as the final anchor for the state-space model.
- **Method:** Runs the model "backwards" or constrained by the final result to estimate the true path of public opinion.
- **Use case:** Post-election analysis to diagnose institute performance and calculate accurate biases for future calibration.

5. Naive

- **Assumption:** Polls have no bias and no non-sampling error.
- **Method:** A random walk model where the only source of uncertainty is the sampling error (σ).
- **Use case:** Baseline comparison. Assumes "polls are perfect" within their margin of error.

Priors Details

The `config_prioris` argument allows customization of the model's hyperparameters with the `configurar_prioris()` function.

These hyperparameters control the strength of assumptions regarding latent state evolution, institute bias, and non-sampling errors.

Variable names refer to the model notation described in https://rnmag.github.io/agregR/index.html#conceptual-framework

Recommended reading: https://github.com/stan-dev/stan/wiki/prior-choice-recommendations

State Model - Level (μ)

- `mu_priori`: Prior mean for the latent vote share at $t = 1$.
- `sd_mu_priori`: Prior uncertainty for the initial latent vote.
  - *Default values*: μ starts with a flat prior of N(0.5, 0.5), allowing data to quickly dominate inference.
- `omega_eta_priori`: Prior mean for the level volatility (ω_η).
  - *Default values*: With `omega_eta_priori = 0.002`, the model assumes a **baseline drift** of approx. ± 2 percentage points over a month ($1.96 \times \sqrt{30} \times 0.002 \approx 0.02$).
  - *Higher values*: The latent vote (μ) can jump more from one day to the next. The model adapts more quickly to new polls but becomes more "jittery".
  - *Lower values*: The model assumes the public opinion level is more stable over time, resulting in smoother curves.

State Model - Trend (ν)

- `nu_priori`: Prior mean for the initial trend (daily growth rate).
- `sd_nu_priori`: Prior uncertainty for the initial trend.
  - *Default values*: With `nu_priori = 0` and `sd_nu_priori = 0.001`, the model expects an initial trend within ± 0.2 percentage points per day ($1.96 \times 0.001 \approx 0.002$).
- `omega_zeta_priori`: Prior mean for the trend volatility (ω_ζ).
  - *Default values*: With `omega_zeta_priori = 0.00001`, the model assumes a linear evolution, allowing the trend to shift rapidly (accelerations) only under strong evidence.
  - *Higher values:* The trend (ν) can change direction or magnitude rapidly.
  - *Lower values:* The trend is assumed to be more constant over time (more linear evolution).

Institute Bias (δ)

- `delta_priori`: Mean expected bias for institutes. Default is 0, except in "Viés Empírico" where it is anchored on past performance.
- `sd_delta_priori`: Scale of the bias prior.
  - *Default values*: With `delta_priori = 0` and `sd_delta_priori = 0.02`, the model assumes that 95% of institutes have a bias within ± 4 percentage points ($1.96 \times 0.02 \approx 0.04$).
  - *Higher values:* Allow for larger, more variable biases across institutes.
  - *Lower values:* Constrain institutes to have similar biases (shrinkage toward the anchor).

Non-Sampling Error (τ)

- `tau_priori`: Mean expected magnitude of errors not explained by sampling or house effects. In weighted models, this is replaced by the empirical RMSE from past elections.
- `sd_tau_priori`: Prior uncertainty for non-sampling error.
  - *Default values*: With `tau_priori = 0.02` and `sd_tau_priori = 0.02`, the model assumes a **baseline** of ± 4 percentage points of "noise" in each poll, allowing it to spread closer to ± 7 percentage points.
  - *Higher values:* The model treats polls as less precise, widening the credible intervals of the latent state.
  - *Lower values:* The model trusts polling precision more, leading to tighter intervals and potentially more sensitivity to outliers.

Examples

```
# Running the default model for a second round scenario
if (instantiate::stan_cmdstan_exists()) {
  result <- rodar_agregador(
    data_inicio = "01/01/2025",
    data_fim = "31/12/2025",
    turno = 2,
    cenario = "Lula vs Bolsonaro"
  )

# Tuning Stan, changing the model and altering specific priors
  custom_result <- rodar_agregador(
    data_inicio = "01/01/2025",
    data_fim = "31/12/2025",
    turno = 2,
    cenario = "Lula vs Bolsonaro",
    modelo = "Viés Relativo sem Pesos",
    config_agregador = list(stan_chains = 1, stan_warmup = 200),
    config_prioris = list(tau_priori = 0.01)
  )
}
```

Index

∗ **datasets**
historico_pesquisas_poder360, 12

configurar_agregador, 2
configurar_agregador(), *10*, *13*
configurar_grafico, 4
configurar_grafico(), *8*, *10, 11*
configurar_prioris, 5
configurar_prioris(), *10*, *14, 15*

grafico_agregador, 8
grafico_priori_posteriori, 9
grafico_vies, 10

historico_pesquisas_poder360, 12

rodar_agregador, 13
rodar_agregador(), *8, 9*, *11*