modeling

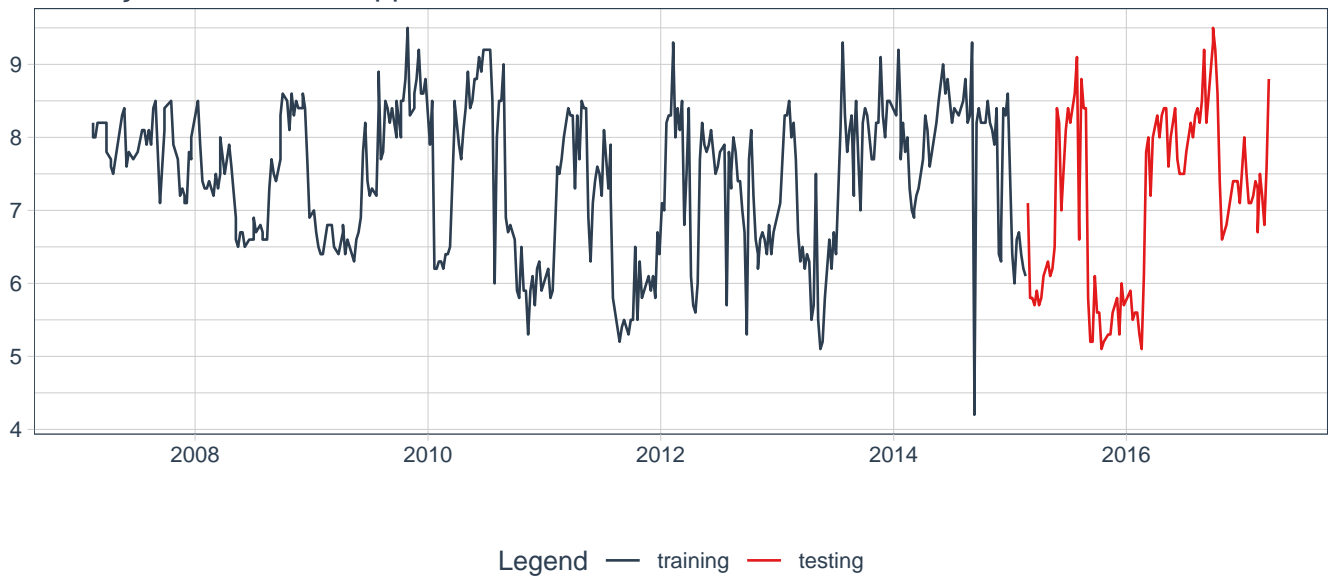## Alisson Rosa e Vítor Pereira

Resumo

One Piece > Naruto

Sumário

Avaliação de Naruto Shippuden dados de Treino / Teste

Legend —— training —— testing

```
## # A tibble: 65 x 10
##    .model_id  .model_desc .type   mae  mape  mase smape  rmse     rsq .fit_model
##    <chr>      <chr>       <chr> <dbl> <dbl> <dbl> <dbl> <dbl>   <dbl> <list>
##  1 base_M_ar~ ARIMA(0,0,~ Test   1.06  16.4  2.30  15.1  1.25 NA      <mdl_time~
##  2 base_M_au~ ARIMA(0,0,~ Test   1.06  16.4  2.30  15.1  1.25 NA      <mdl_time~
##  3 base_M_cr~ CROSTON ME~ Test   1.06  15.5  2.30  15.1  1.20 NA      <mdl_time~
##  4 base_M_ets ETS(A,N,N)  Test   1.28  16.7  2.78  18.4  1.53 NA      <mdl_time~
##  5 base_M_et~ ETS(A,AD,A) Test   1.27  16.8  2.77  18.4  1.52  0.0102 <mdl_time~
##  6 base_M_et~ ETS(A,N,N)  Test   1.28  16.7  2.78  18.4  1.53 NA      <mdl_time~
##  7 base_M_et~ ETS(M,A,M)  Test   1.27  16.8  2.76  18.3  1.51  0.0140 <mdl_time~
##  8 base_M_et~ ETS(M,M,M)  Test   1.16  15.5  2.52  16.6  1.38  0.0311 <mdl_time~
##  9 base_M_ma~ EARTH       Test   7.31  99.0 15.9  140.   8.53  0.161  <mdl_time~
## 10 base_M_pr~ PROPHET     Test   1.09  17.5  2.37  15.5  1.33  0.221  <mdl_time~
## # ... with 55 more rows
```

Tabela 1: Métricas

.model_id	rank	.model_desc	.ty
extrafeatures_lag_M_prophet_boost_log	1	PROPHET W/ XGBOOST ERRORS	Te
extrafeatures_lag_M_prophet_boost	2	PROPHET W/ XGBOOST ERRORS	Te
extrafeatures_lag_M_arima_boost	3	ARIMA(0,0,0) WITH NON-ZERO MEAN W/ XGBOOST ERRORS	Te
features_M_prophet_boost	4	PROPHET W/ XGBOOST ERRORS	Te
extrafeatures_M_prophet_boost	5	PROPHET W/ XGBOOST ERRORS	Te
extrafeatures_lag_M_auto_arima_boost	6	ARIMA(0,0,0) WITH NON-ZERO MEAN W/ XGBOOST ERRORS	Te
base_M_prophet_boost	7	PROPHET	Te
base_M_mars	8	EARTH	Te
features_M_smoothAAA	9	ETSX(AAA)	Te
features_M_smoothAAM	10	ETSX(AAM)	Te
base_M_theta	11	THETA METHOD	Te
extrafeatures_fourier_M_theta	12	THETA METHOD	Te
extrafeatures_lag_M_theta	13	THETA METHOD	Te
extrafeatures_M_theta	14	THETA METHOD	Te
features_M_theta	15	THETA METHOD	Te
features_M_smoothMAM	16	ETSX(MAM)	Te
base_M_smoothMAM	17	ETS(MAM)	Te
base_M_smoothAAM	18	ETS(AAM)	Te
extrafeatures_M_mars	19	EARTH	Te
features_M_mars	20	EARTH	Te

2008   2010   2012   2014   2016

base_M_smoothMAM_
base_M_theta_
oost_   extrafeatures_fourier_M_arima_boost_
extrafeatures_fourier_M_auto_arima_bo...
extrafeatures_fourier_M_croston_
extrafeatures_fourier_M_ets_
extrafeatures_fourier_M_etsAAA_
extrafeatures_fourier_M_etsauto_
extrafeatures_fourier_M_etsMAM_
extrafeatures_fourier_M_etsMMM_
st_   extrafeatures_fourier_M_mars_
st_log_   extrafeatures_fourier_M_prophet_boost_
extrafeatures_fourier_M_prophet_boost...

extrafeatures_lag_M_arima_boost_
extrafeatures_lag_M_auto_arima_boost_
extrafeatures_lag_M_croston_
extrafeatures_lag_M_ets_
extrafeatures_lag_M_etsAAA_
extrafeatures_lag_M_etsauto_
extrafeatures_lag_M_etsMAM_
extrafeatures_lag_M_etsMMM_
extrafeatures_lag_M_prophet_boost_
extrafeatures_lag_M_prophet_boost_log_
extrafeatures_lag_M_theta_
extrafeatures_M_arima_boost_
extrafeatures_M_auto_arima_boost_

extrafeatures_M_ets_
extrafeatures_M_etsAAA_
extrafeatures_M_etsauto_
extrafeatures_M_etsMAM_
extrafeatures_M_etsMMM_
extrafeatures_M_mars_
extrafeatures_M_prophet_boo
extrafeatures_M_prophet_boo
extrafeatures_M_theta_
features_M_arima_boost_
features_M_auto_arima_boos
features_M_croston_
features_M_ets_