

Hasil uji forecast dengan metode time series modeler (spss)

Time Series Modeler

Model Description

			Model Type
Model ID	Semen	Model_1	Winters' Additive
	Pasir	Model_2	Simple Seasonal

Model Statistics

Model	Number of Predictors	Model Fit statistics	Ljung-Box Q(18)			Number of Outliers
		Stationary R-squared	Statistics	DF	Sig.	
Semen-Model_1	0	.596	18.170	15	.254	0
Pasir-Model_2	0	.555	16.342	16	.429	0

Forecast

Model		Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016
Semen - Model 1	Foreca st	512.1 2	503.7 9	520.4 5	468.7 9	443.7 9	435.4 5	38.7 9	452.1 2	503.7 9	520.4 5	520.4 5	520.4 5
	UCL	566.9 2	558.8 0	575.6 8	524.2 3	499.4 5	491.3 3	94.8 8	508.4 3	560.3 0	577.1 8	577.3 9	577.6 0
	LCL	457.3 2	448.7 7	465.2 2	413.3 4	388.1 2	379.5 7	- 17.3 1	395.8 1	447.2 7	463.7 2	463.5 1	463.3 0
Pasir- Model 2	Foreca st	69.88	66.55	69.88	62.22	58.88	57.22	2.55	58.88	68.22	71.55	69.88	69.88
	UCL	77.81	74.63	78.12	70.60	67.42	65.90	11.3 8	67.85	77.32	80.79	79.26	79.39
	LCL	61.96	58.47	61.65	53.83	50.35	48.54	- 6.27	49.92	59.11	62.31	60.51	60.37

For each model, forecasts start after the last non-missing in the range of the requested estimation period, and end at the last period for which non-missing values of all the predictors are available or at the end date of the requested forecast period, whichever is earlier.

Model Summary

Model Fit											
Fit Statistic	Mean	SE	Minimum	Maximum	Percentile						
					5	10	25	50	75	90	95
Stationary R-squared	.575	.029	.555	.596	.555	.555	.555	.575	.596	.596	.596
R-squared	.960	.003	.958	.962	.958	.958	.958	.960	.962	.962	.962
RMSE	15.417	16.288	3.900	26.934	3.900	3.900	3.900	15.417	26.934	26.934	26.934
MAPE	4.867	.158	4.756	4.979	4.756	4.756	4.756	4.867	4.979	4.979	4.979
MaxAPE	18.060	1.690	16.865	19.255	16.865	16.865	16.865	18.060	19.255	19.255	19.255
MAE	11.881	12.875	2.777	20.985	2.777	2.777	2.777	11.881	20.985	20.985	20.985
MaxAE	38.181	39.019	10.590	65.772	10.590	10.590	10.590	38.181	65.772	65.772	65.772
Normalized BIC	4.903	2.803	2.921	6.885	2.921	2.921	2.921	4.903	6.885	6.885	6.885

