



**Usage**

```
ARSVM(data,h)
```

**Arguments**

data	Input univariate time series (ts) data.
h	The forecast horizon.

**Details**

This package allows you to fit the Auto-Regressive Support Vector Machine for univariate time series.

**Value**

Optimum lag	Optimum lag of the considered data
Model Summary	Summary of the fitted SVM
Weights	weights of the fitted SVM
Constant	Constant of the fitted SVM
MAPE	Mean Absolute Percentage Error (MAPE) of the SVM
RMSE	Root Mean Square Error (RMSE) of fitted SVM
fitted	Fitted values of SVM
forecasted.values	h step ahead forecasted values employing SVM

**Author(s)**

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**References**

Kim, K.(2003). Financial time series forecasting using support vector machines, 55(1-2), 307-319.

**See Also**

SVM

**Examples**

```
data=lynx  
ARSVM(data,5)
```

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