

```

GET DATA
  /TYPE= XLSX
  /FILE= G :\workspace\    \B  SPSS    \score\pacifier\    Microsoft Excel    .
xlsx '
  /SHEET= name  Sheet1 '
  /CELLRANGE= FULL
  /READNAMES= OFF
  /DATATYPEMIN PERCENTAGE = 95.0
  /HIDDEN IGNORE= YES .
EXECUTE .
DATASET NAME      17 WINDOW= FRONT.
DATE M 1 12 Y 2007.

```

The following new variables are being created :

Name	Label
YEAR__	YEAR ,not periodic
MONTH__	MONTH,period 12
DATE__	Date. Format : "M M M YYYY "

```

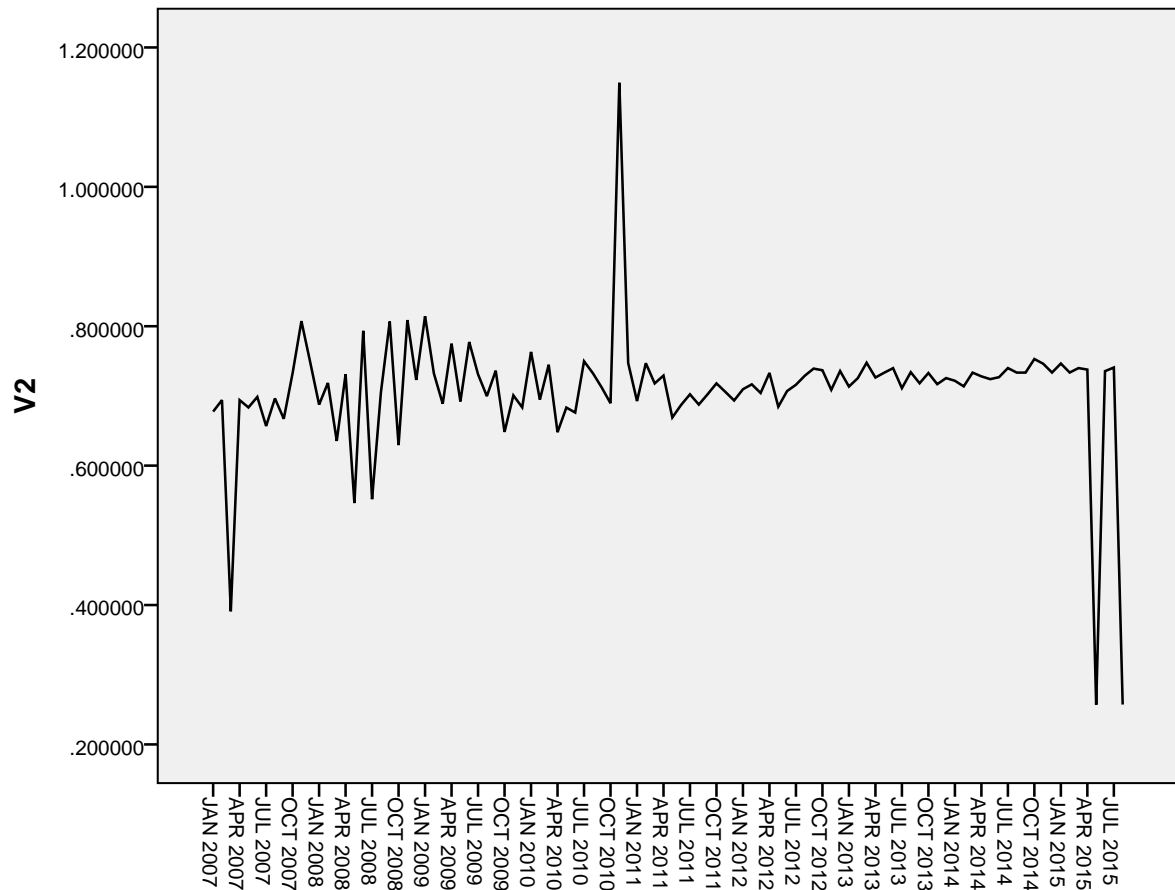
*
TSPLIT VARIABLES= V2
  /ID= DATE__
  /NOLOG
  /FORMAT NOFILL NOREFERENCE .

```

	07-MAR-2020 22:49:56
	1 7
	< >
	< >
	< >
	104
	YEAR, not periodic, MONTH, period 12
	TSPLLOT VARIABLES=V2 /ID=DATE_ /NOLOG /FORMAT NOFILL NOREFERENCE.
	00:00:00.11
	00:00:00.12
(T S E T)	PRINT = DEFAULT
	NEWVAR = CURRENT
	MXAUTO = 16
	MXCROSS = 7
	MXNEWVAR = 60
	MPREDICT = 1000
	MISSING = EXCLUDE
	CIN = 95
	TOLER = .0001
	CNVERGE = .001
	ACFSE = IND
	PERIOD = 12
	CONSTANT

	MOD_24
1	V2
	0
	0
	12
	Date_
M O D _ 2 4	

	V2
	104
	0
	0



PREDICT THRU END.

*

TSMODEL

/MODEL SUMMARY PRINT= [MODELFIT]

/MODEL STATISTICS DISPLAY= YES MODELFIT= [SRSQUARE]

/SERIES PLOT OBSERVED FORECAST

/OUTPUT FILTER DISPLAY= ALL MODELS

/SAVE PREDICTED()

/AUXILIARY CILEVEL= 95 MAXACFLAGS= 24

/MISSING USERMISSING= EXCLUDE

/MODEL DEPENDENT= V2

OUTFILE= G:\workspace\ \B SPSS \score\pacifier\1.xml'

PREFIX= ' '

/EXPERT MODELER TYPE= [ARIMA EXSMOOTH] TRYSEASONAL= YES

/AUTO OUTLIER DETECT= OFF.

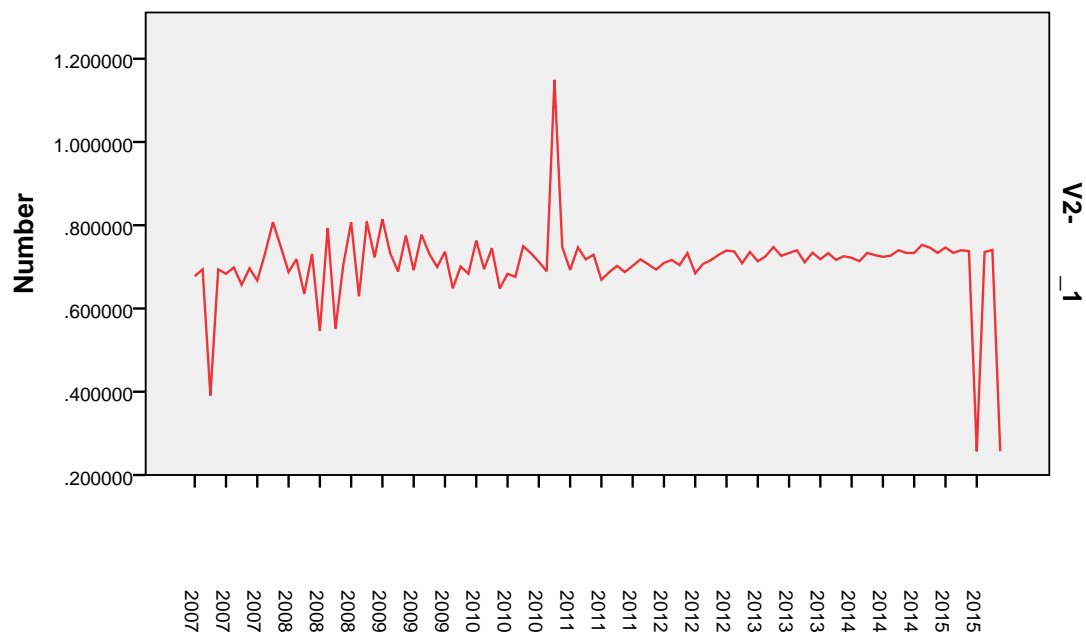
	07-MAR-2020 22:50:26
	1 7
	< >
	< >
	< >
	YEAR, not periodic, MONTH, period 12
	TSMODEL /MODELSUMMARY PRINT=[MODELFIT] /MODELSTATISTICS DISPLAY=YES MODELFIT=[SRSQUARE] /SERIESPLOT OBSERVED FORECAST /OUTPUTFILTER DISPLAY=ALLMODELS /SAVE PREDICTED() /AUXILIARY CILEVEL=95 MAXACFLAGS=24 /MISSING USERMISSING=EXCLUD E /MODEL DEPENDENT=V2 OUTFILE='G: \workspace\\B S P S S \score\pacifier\1.xml' PREFIX='' /EXPERTMODELER TYPE=[ARIMA EXSMOOTH] TRYSEASONAL=YES /AUTOOUTLIER ...
	00:00:00.13
	00:00:00.12
1	G:\workspace\\B S P S S \score\pacifier\1.xml
_ V 2 _ _ 1	V 2 - _ 1

I D	V2	_ 1
-----	----	-----

					5	10	25
R	.682	.	.682	.682	.682	.682	.682
R	.157	.	.157	.157	.157	.157	.157
RMSE	.085	.	.085	.085	.085	.085	.085
MAPE	9.045	.	9.045	9.045	9.045	9.045	9.045
MaxAPE	154.254	.	154.254	154.254	154.254	154.254	154.254
MAE	.050	.	.050	.050	.050	.050	.050
MaxAE	.397	.	.397	.397	.397	.397	.397
B I C	-4.832	.	-4.832	-4.832	-4.832	-4.832	-4.832

	50	75	90	95
R	.682	.682	.682	.682
R	.157	.157	.157	.157
RMSE	.085	.085	.085	.085
MAPE	9.045	9.045	9.045	9.045
MaxAPE	154.254	154.254	154.254	154.254
MAE	.050	.050	.050	.050
MaxAE	.397	.397	.397	.397
B I C	-4.832	-4.832	-4.832	-4.832

		R	- Q (1 8)	DF		
V 2 - _ 1	0	.682	12.315	16	.722	0



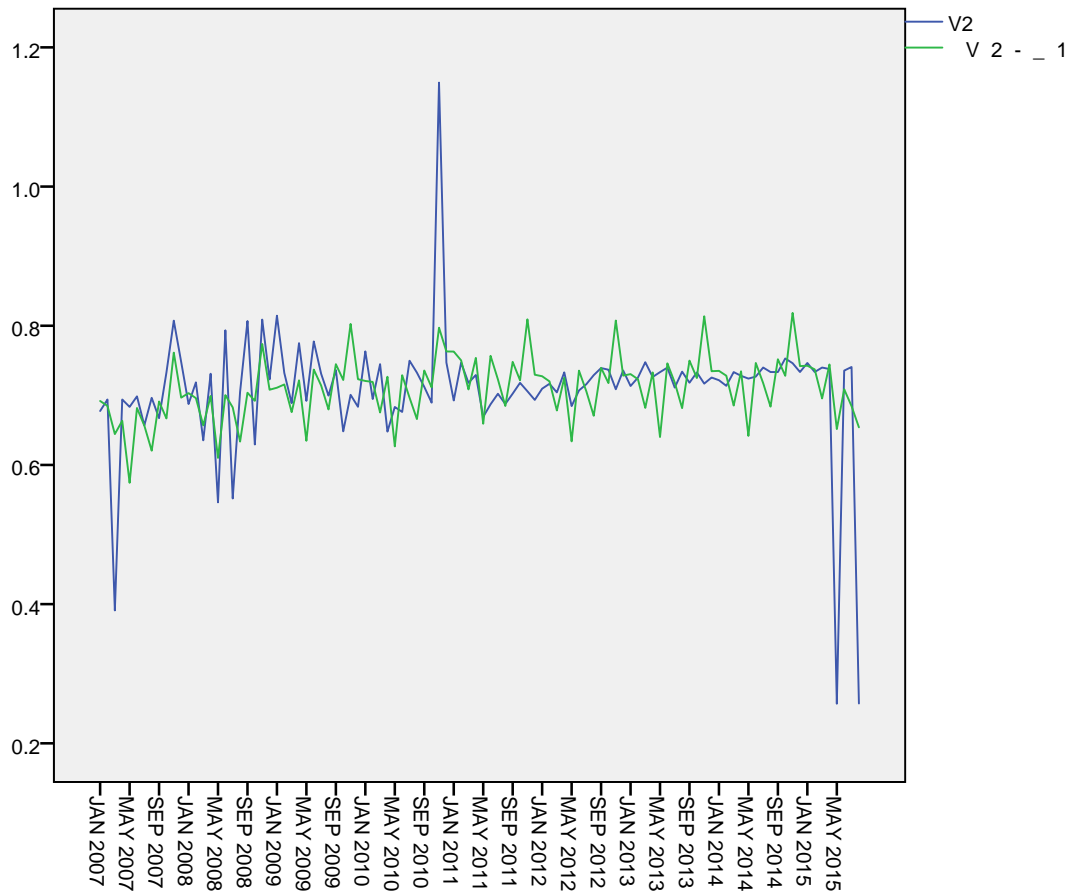
```
*
.
TSPLLOT VARIABLES= V2      _V2_      _1
/ID= DATE_
/NOLOG.
```

	07-MAR-2020 22:50:38
	1 7
	< >
	< >
	< >
	104
	YEAR, not periodic, MONTH, period 12
	TSPLLOT VARIABLES=V2 _ V 2 _ _ 1 /ID=DATE_ /NOLOG.
	00:00:00.11
	00:00:00.13
(T S E T)	PRINT = DEFAULT
	NEWVAR = CURRENT
	MXAUTO = 16
	MXCROSS = 7
	MXNEWVAR = 60
	MXPREDICT = 1000
	MISSING = EXCLUDE
	CIN = 95
	TOLER = .0001
	CNVERGE = .001
	ACFSE = IND
	PERIOD = 12
	CONSTANT

	MOD_25
1	V2
2	V 2 - _ 1
	0
	0
	12
	Date_

M O D _ 2 5

	V2	V 2 - _ 1
	104	104
	0	0
	0	0



PREDICT THRU YEAR 2016 MONTH 8 .

*

TSAPPLY

/MODEL SUMMARY PRINT= [MODELFIT]

/MODEL STATISTICS DISPLAY= YES MODELFIT= [SRSQUARE]

/SERIES PLOT FORECAST

/OUTPUT FILTER DISPLAY= ALL MODELS

/SAVE PREDICTED()

/AUXILIARY CILEVEL= 95 REESTIMATE= N O

/MISSING USERMISSING= EXCLUDE

/MODEL FILE= G:\workspace\ \B SPSS \score\pacifier\1.xml'.

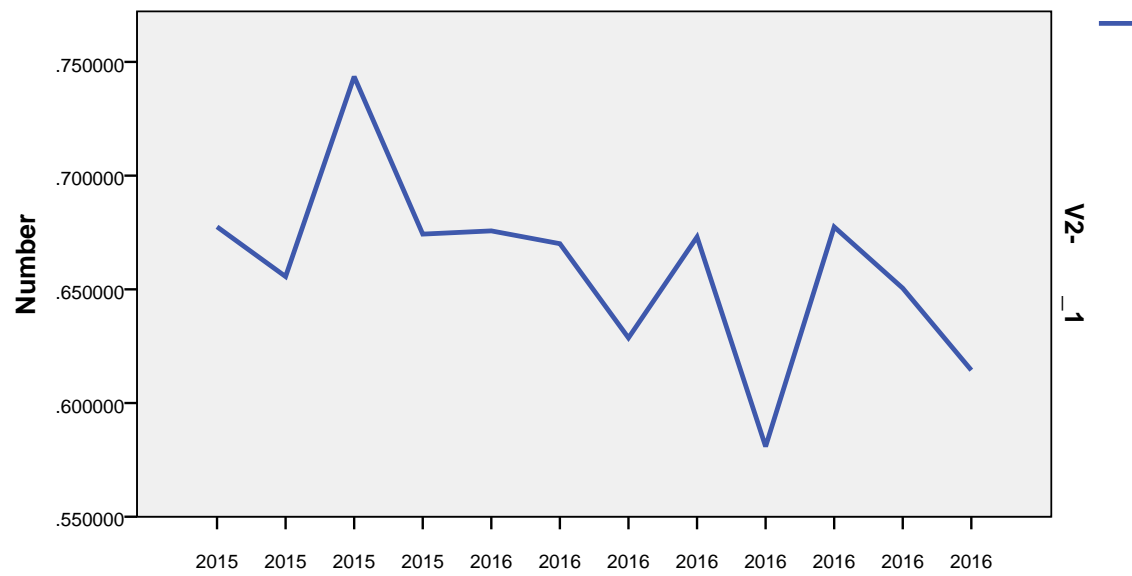
	07-MAR-2020 22:51:00
	1 7
	< >
	< >
	< >
	YEAR, not periodic, MONTH, period 12
	TSAPPLY /MODELSUMMARY PRINT=[MODELFIT] /MODELSTATISTICS DISPLAY=YES MODELFIT=[SRSQUARE] /SERIESPLOT FORECAST /OUTPUTFILTER DISPLAY=ALLMODELS /SAVE PREDICTED() /AUXILIARY CILEVEL=95 REESTIMATE=NO /MISSING USERMISSING=EXCLUD E /MODEL FILE='G: \workspace\\B S P S S ...
	00:00:00.11
	00:00:00.12
_ V 2 _ _ 1 _ A	V 2 - _ 1
	YEAR_ 2016, MONTH_ 8

I D	V2	_ 1
-----	----	-----

					5	10	25
R	.682	.	.682	.682	.682	.682	.682
R	.157	.	.157	.157	.157	.157	.157
RMSE	.085	.	.085	.085	.085	.085	.085
MAPE	9.045	.	9.045	9.045	9.045	9.045	9.045
MaxAPE	154.254	.	154.254	154.254	154.254	154.254	154.254
MAE	.050	.	.050	.050	.050	.050	.050
MaxAE	.397	.	.397	.397	.397	.397	.397
B I C	-4.832	.	-4.832	-4.832	-4.832	-4.832	-4.832

	50	75	90	95
R	.682	.682	.682	.682
R	.157	.157	.157	.157
RMSE	.085	.085	.085	.085
MAPE	9.045	9.045	9.045	9.045
MaxAPE	154.254	154.254	154.254	154.254
MAE	.050	.050	.050	.050
MaxAE	.397	.397	.397	.397
B I C	-4.832	-4.832	-4.832	-4.832

				- Q (1 8)		
		R		DF		
V 2 - _ 1	0	.682	12.315	16	.722	0



```

*
.
TSPLLOT VARIABLES= V2      _V2_      _1      _V2_      _1_A
/ID= DATE_
/NOLOG.

```

	07-MAR-2020 22:51:13
	1 7
	< >
	< >
	< >
	116
	YEAR, not periodic, MONTH, period 12
	TSPLLOT VARIABLES=V2 _ V 2 _ _ 1 _ V 2 _ _ 1 _ A /ID=DATE_ /NOLOG.
	00:00:00.13
	00:00:00.13
(T S E T)	PRINT = DEFAULT
	NEWVAR = CURRENT
	MXAUTO = 16
	MXCROSS = 7
	MXNEWVAR = 60
	MPREDICT = 1000
	MISSING = EXCLUDE
	CIN = 95
	TOLER = .0001
	CNVERGE = .001
	ACFSE = IND
	PERIOD = 12
	CONSTANT

	MOD_26
1	V2
2	V 2 - _ 1
3	V 2 - _ 1
	0
	0
	12
	Date_

M O D _ 2 6

	V2	V 2 - _ 1	V 2 - _ 1
	116	116	116
	0	0	0
	12	12	104

