```
  *        .
TSPLOT VARIABLES = V 2
 /ID = DATE_
 /N O L O G
 /FORMAT NOFILL NOREFERENCE .
```

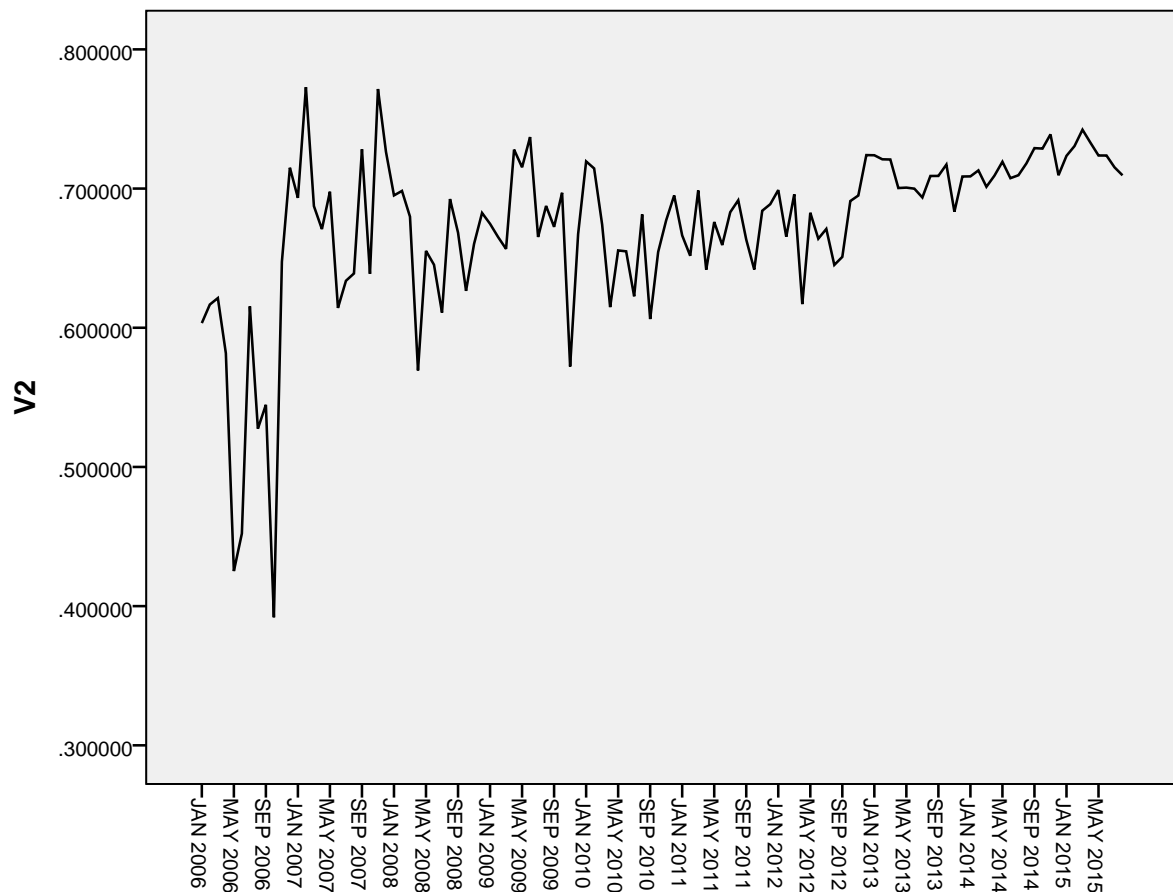|		
		07-MAR-2020 22:28:42
		1 5
		< >
		< >
		< >
		116
		YEAR, not periodic, MONTH, period 12
		TSPLOT VARIABLES=V2 /ID=DATE_ /NOLOG /FORMAT NOFILL NOREFERENCE.
		00:00:00.17
		00:00:00.15
(T S E T)		PRINT = DEFAULT
		NEWVAR = CURRENT
		MXAUTO = 16
		MXCROSS = 7
		MXNEWVAR = 60
		MXPREDICT = 1000
		MISSING = EXCLUDE
		CIN = 95
		TOLER = .0001

	CNVERGE = .001
	ACFSE = IND
	PERIOD = 12
	CONSTANT

	MOD_18
1	V2
	0
	0
	12
	Date_

M O D _ 1 8

	V2
	116
	0
	0

```
   PREDICT THRU END.
*                    .
TSMODEL
  /MODELSUMMARY PRINT=[MODELFIT]
  /MODELSTATISTICS  DISPLAY=YES MODELFIT=[SRSQUARE]
  /SERIESPLOT OBSERVED FORECAST
  /OUTPUTFILTER DISPLAY=ALLMODELS
  /SAVE PREDICTED(    )
  /AUXILIARY  CILEVEL=95 MAXACFLAGS=24
  /MISSING USERMISSING=EXCLUDE
  /MODEL DEPENDENT=V2
    OUTFILE= G:\workspace\    \B  SPSS      \score\hair_dryer\1.xml'
    PREFIX=' '
  /EXPERTMODELER TYPE=[ARIMA EXSMOOTH]TRYSEASONAL=YES
  /AUTOOUTLIER  DETECT=OFF.
```
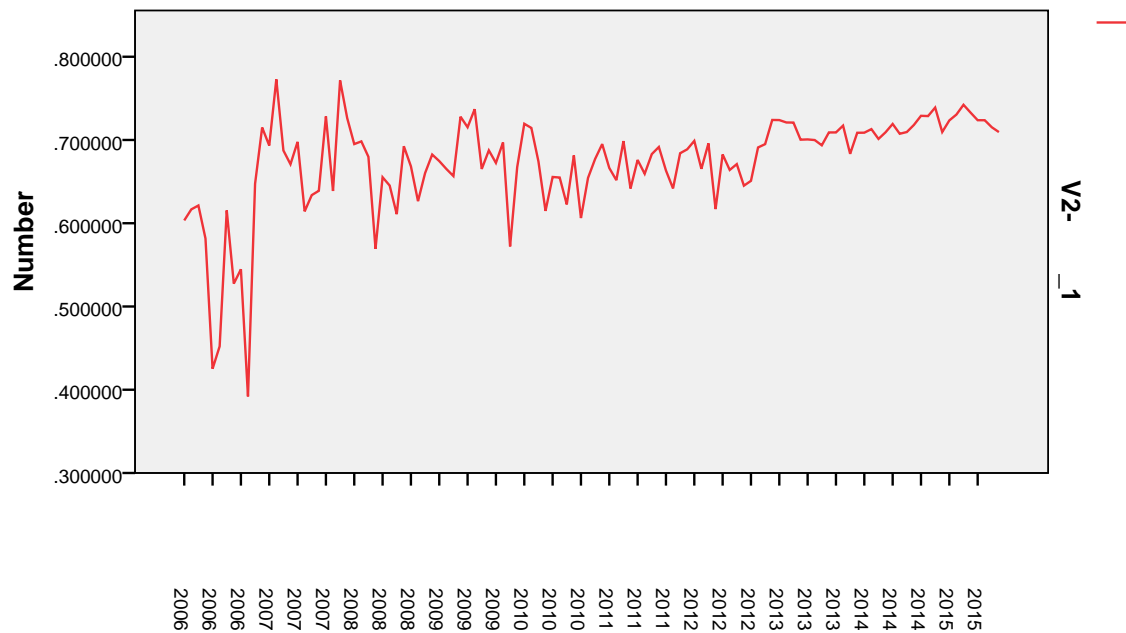
		07-MAR-2020 22:29:02
		1 5
		< >
		< >
		< >
		YEAR, not periodic, MONTH, period 12

		TSMODEL
		  /MODELSUMMARY PRINT=[MODELFIT]
		  /MODELSTATISTICS DISPLAY=YES MODELFIT=[SRSQUARE]
		  /SERIESPLOT OBSERVED FORECAST
		  /OUTPUTFILTER DISPLAY=ALLMODELS
		  /SAVE PREDICTED( )
		  /AUXILIARY CILEVEL=95 MAXACFLAGS=24
		  /MISSING USERMISSING=EXCLUDE
		  /MODEL DEPENDENT=V2
		    OUTFILE='G:\workspace\\BSPSS\score\hair_dryer\1.xml'
		    PREFIX=''
		  /EXPERTMODELER TYPE=[ARIMA EXSMOOTH] TRYSEASONAL=YES
		  /AUTOOUTLIER ...

		00:00:00.13
		00:00:00.12
	1	G:\workspace\\BSPSS\score\hair_dryer\1.xml
	_ V 2 _ _ 1	V 2 - _ 1

4

I D	V2	_ 1

					5	10	25
R	.680	.	.680	.680	.680	.680	.680
R	.449	.	.449	.449	.449	.449	.449
RMSE	.045	.	.045	.045	.045	.045	.045
MAPE	4.701	.	4.701	4.701	4.701	4.701	4.701
MaxAPE	37.519	.	37.519	37.519	37.519	37.519	37.519
MAE	.030	.	.030	.030	.030	.030	.030
MaxAE	.160	.	.160	.160	.160	.160	.160
B I C	-6.126	.	-6.126	-6.126	-6.126	-6.126	-6.126

	50	75	90	95
R	.680	.680	.680	.680
R	.449	.449	.449	.449
RMSE	.045	.045	.045	.045
MAPE	4.701	4.701	4.701	4.701
MaxAPE	37.519	37.519	37.519	37.519
MAE	.030	.030	.030	.030
MaxAE	.160	.160	.160	.160
B I C	-6.126	-6.126	-6.126	-6.126

			- Q (1 8)			
	R		DF			
V 2 - _ 1	0	.680	21.144	16	.173	0


```
   *          .
TSPLOT VARIABLES = V 2     _ V 2 _    _ 1
 /ID = DATE _
 /NOLOG.
```

		07-MAR-2020 22:29:13
		1 5
		< >
		< >
		< >
		116
		YEAR, not periodic, MONTH, period 12
		TSPLOT VARIABLES=V2 _ V 2 _ _ 1 /ID=DATE_ /NOLOG.
		00:00:00.14
		00:00:00.14
(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_19	
1	V2	
2	V 2 - _ 1	
		0
		0
		12
	Date_	

M O D _ 1 9

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

PREDICT THRU YEAR 2016 MONTH 8.
*   .
TSAPPLY
  /MODELSUMMARY PRINT=[MODELFIT]
  /MODELSTATISTICS DISPLAY=YES MODELFIT=[SRSQUARE]
  /SERIESPLOT FORECAST
  /OUTPUTFILTER DISPLAY=ALLMODELS
  /SAVE PREDICTED(   )
  /AUXILIARY CILEVEL=95 REESTIMATE=NO
  /MISSING USERMISSING=EXCLUDE
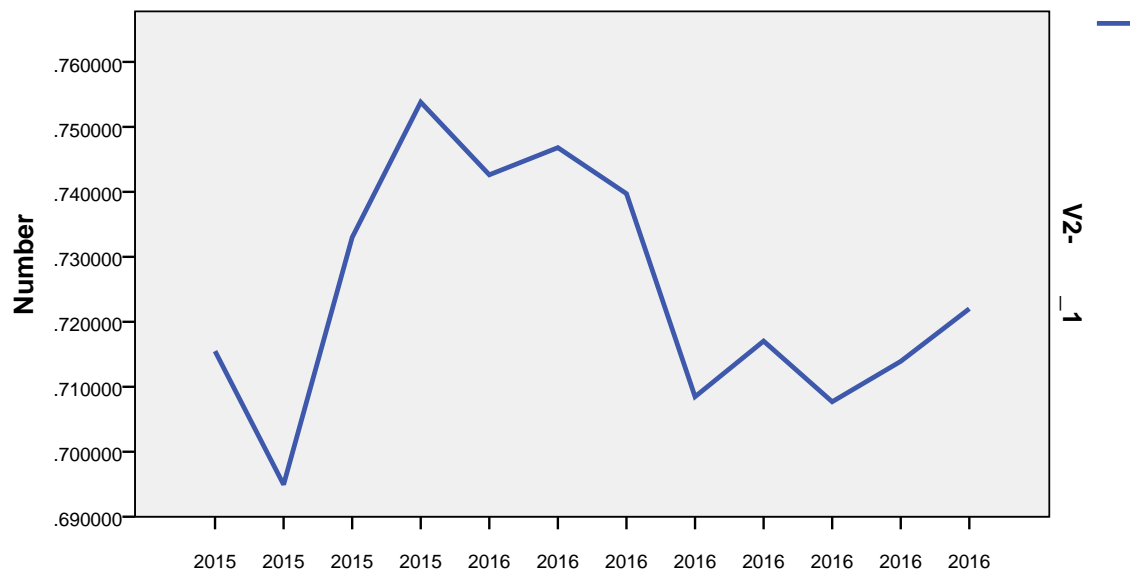 /MODEL FILE= G:\workspace\   \B SPSS   \score\hair_dryer\1.xml'.

		07-MAR-2020 22:29:31
		1 5
		< >
		< >
		< >
		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=EXCLUDE
		  /MODEL FILE='G:\workspace\\B S P S S ...

		00:00:00.11
		00:00:00.11
	_ V 2 _ _ 1 _ A	V 2 - _ 1
		YEAR_ 2016, MONTH_ 8

I D	V2	_ 1	

					5	10	25
R	.680	.	.680	.680	.680	.680	.680
R	.449	.	.449	.449	.449	.449	.449
RMSE	.045	.	.045	.045	.045	.045	.045
MAPE	4.701	.	4.701	4.701	4.701	4.701	4.701
MaxAPE	37.519	.	37.519	37.519	37.519	37.519	37.519
MAE	.030	.	.030	.030	.030	.030	.030
MaxAE	.160	.	.160	.160	.160	.160	.160
B I C	-6.126	.	-6.126	-6.126	-6.126	-6.126	-6.126

	50	75	90	95
R	.680	.680	.680	.680
R	.449	.449	.449	.449
RMSE	.045	.045	.045	.045
MAPE	4.701	4.701	4.701	4.701
MaxAPE	37.519	37.519	37.519	37.519
MAE	.030	.030	.030	.030
MaxAE	.160	.160	.160	.160
B I C	-6.126	-6.126	-6.126	-6.126

		R		- Q (1 8)	DF		
V 2 - _ 1	0	.680	21.144		16	.173	0

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

		07-MAR-2020 22:29:40
		1 5
		< >
		< >
		< >
		128
		YEAR, not periodic, MONTH, period 12
		TSPLOT VARIABLES=V2 _ V 2 _ _ 1 _ V 2 _ _ 1 _ A /ID=DATE_ /NOLOG.
		00:00:00.16
		00:00:00.15
(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_20
	1	V2
	2	V 2 - _ 1
	3	V 2 - _ 1
		0
		0
		12
		Date_

M O D _ 2 0

	V2	V 2 - _ 1	V 2 - _ 1
	128	128	128
	0	0	0
	12	12	116