Shampoo original series

Obs	z	time
1	339	1
2	319	2
3	352	3
4	330	4
5	378	5
6	392	6
7	390	7
8	395	8
9	386	9
10	383	10
11	396	11
12	396	12
13	412	13
14	387	14
15	382	15
16	423	16
17	386	17
18	420	18
19	417	19
20	474	20
21	450	21
22	444	22
23	456	23
24	449	24
25	428	25
26	444	26
27	389	27
28	447	28
29	395	29
30	417	30

Shampoo original series

The ARIMA Procedure

Name of Variable = z	
Mean of Working Series	402.5333
Standard Deviation	37.12477
Number of Observations	30

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	44.36	6	<.0001	0.656	0.656	0.456	0.338	0.253	0.181

Trend and Correlation Analysis for z
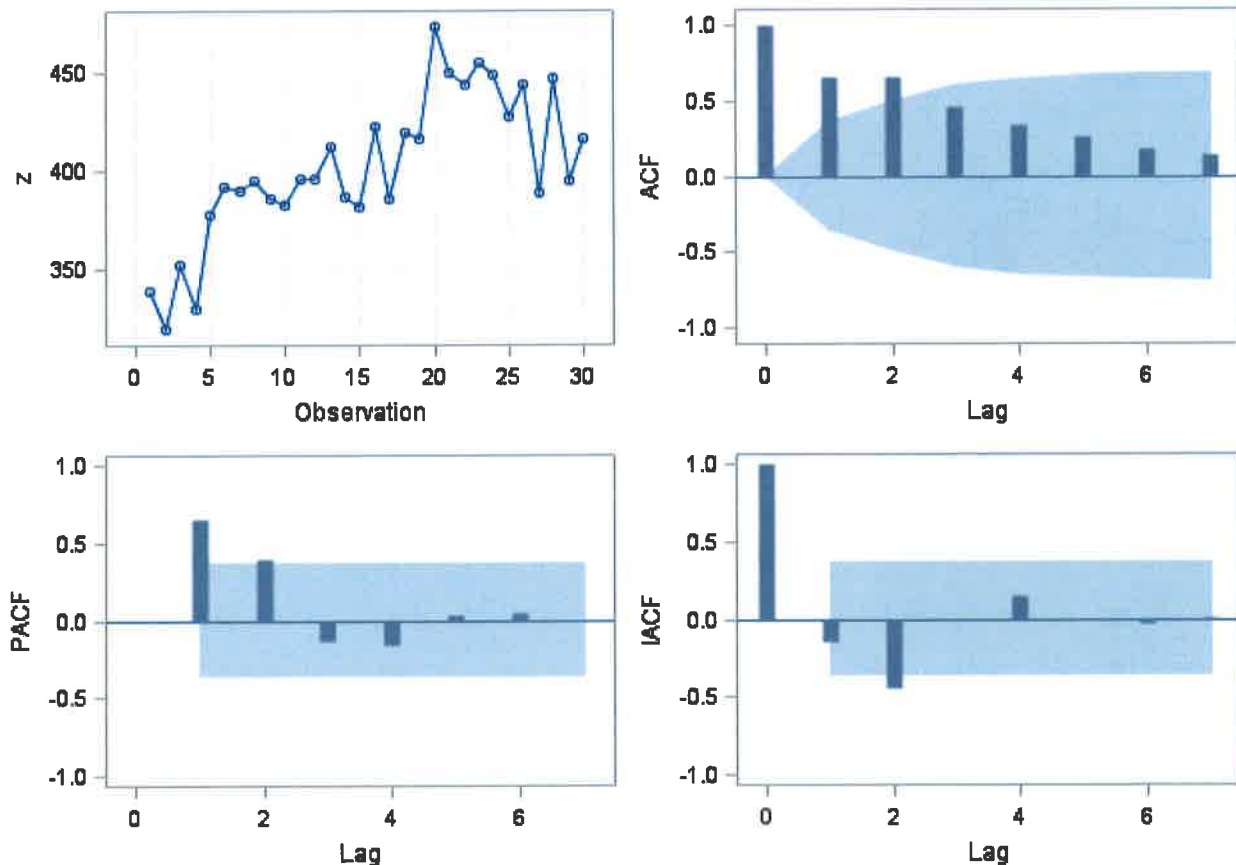
Shampoo original series

Obs	LAG	CORR	PARTCORR
1	0	1.00000	1.00000
2	1	0.65589	0.65589
3	2	0.65618	0.39659
4	3	0.45568	-0.13357
5	4	0.33760	-0.15734
6	5	0.25334	0.03571
7	6	0.18067	0.04685
8	7	0.13470	-0.00540

Shampoo 1st differences series

The ARIMA Procedure

Name of Variable = z	
Period(s) of Differencing	1
Mean of Working Series	2.689655
Standard Deviation	28.76792
Number of Observations	29
Observation(s) eliminated by differencing	1

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	19.59	6	0.0033	-0.642	0.391	-0.173	0.027	0.021	-0.072

Trend and Correlation Analysis for z(1)
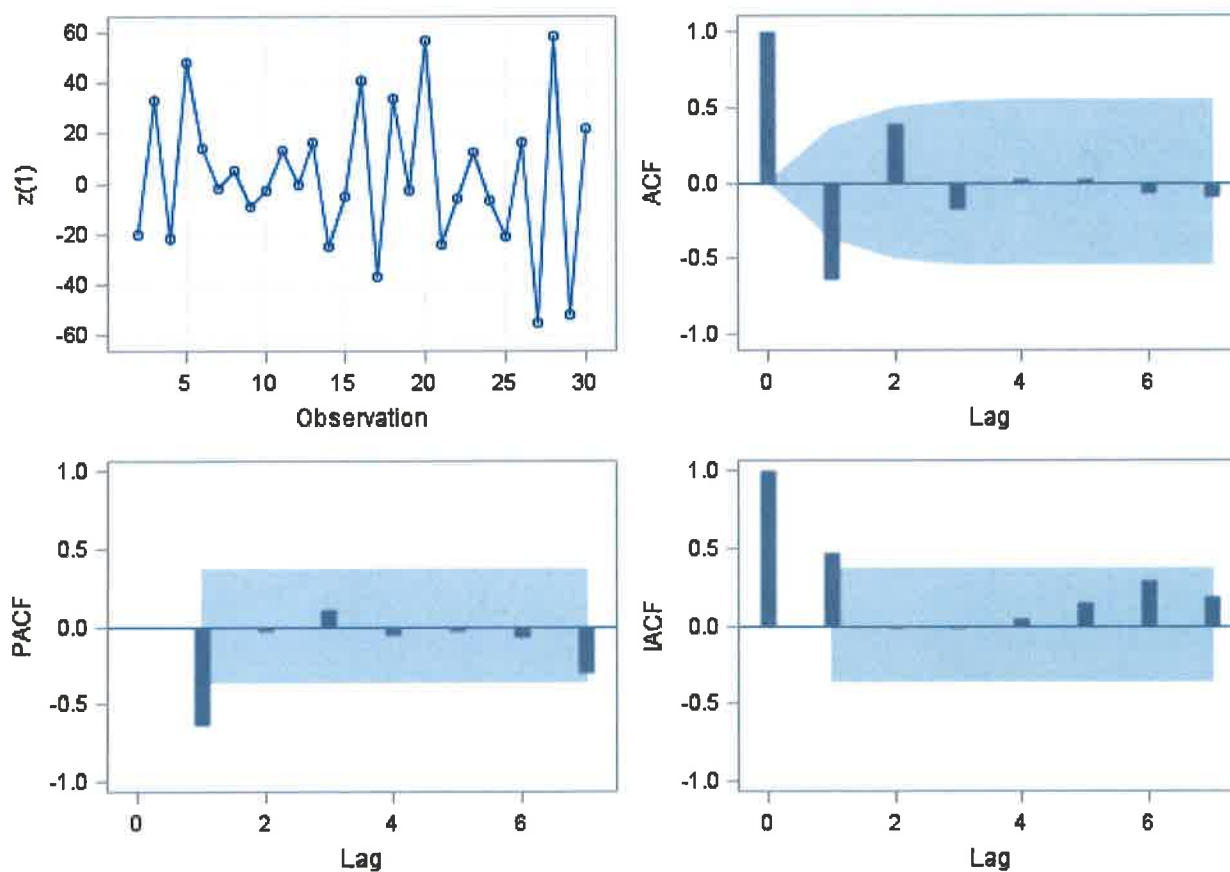
Shampoo 1st differences series

Obs	LAG	CORR	PARTCORR
1	0	1.00000	1.00000
2	1	-0.64181	-0.64181
3	2	0.39066	-0.03615
4	3	-0.17276	0.10868
5	4	0.02702	-0.05436
6	5	0.02121	-0.03079
7	6	-0.07238	-0.06471
8	7	-0.10028	-0.30602