viscosity original series

Obs	z	time
1	39.9	1
2	31.9	2
3	37.5	3
4	31.7	4
5	37.7	5
6	30.3	6
7	38.7	7
8	35.3	8
9	34.9	9
10	36.4	10
11	35.6	11
12	30.5	12
13	34.7	13
14	28.4	14
15	34.1	15
16	31.9	16
17	35.6	17
18	35.2	18
19	31.3	19
20	38.3	20
21	30.0	21
22	36.5	22
23	32.3	23
24	38.4	24
25	41.3	25
26	32.5	26
27	37.5	27
28	36.2	28
29	36.1	29
30	35.5	30
31	37.9	31
32	32.3	32

33	36.0	33
34	34.5	34
35	32.1	35
36	29.2	36
37	39.2	37
38	32.6	38
39	35.4	39
40	38.4	40
41	31.4	41
42	39.3	42
43	32.4	43
44	35.1	44
45	33.3	45
46	37.3	46
47	34.4	47
48	30.4	48
49	38.2	49
50	28.7	50
51	36.3	51
52	32.1	52
53	34.0	53
54	34.5	54
55	34.4	55
56	36.2	56
57	39.1	57
58	32.6	58
59	38.6	59
60	38.5	60
61	30.5	61
62	40.1	62
63	32.9	63
64	36.2	64
65	32.3	65
66	37.1	66
67	30.1	67

	40.3	68
69	36.5	69
70	32.9	70
71	35.1	71
72	41.1	72
73	25.9	73
74	41.3	74
75	32.8	75
76	38.0	76
77	36.5	77
78	37.2	78
79	36.4	79
80	37.2	80
81	34.2	81
82	37.0	82
83	35.4	83
84	34.4	84
85	35.2	85
86	37.1	86
87	32.3	87
88	36.9	88
89	34.8	89
90	35.8	90
91	36.1	91
92	36.7	92
93	36.6	93
94	35.1	94
95	37.8	95
96	33.9	96
97	37.2	97
98	34.3	98
99	38.3	99
100	33.9	100
101	33.8	101
102	40.2	102

	35.3	103
104	38.8	104
105	39.0	105
106	32.2	106
107	38.8	107
108	34.3	108
109	30.8	109
110	35.9	110
111	31.4	111
112	33.0	112
113	34.6	113
114	36.4	114
115	33.1	115
116	39.4	116
117	35.4	117
118	34.4	118
119	36.9	119
120	32.8	120
121	35.2	121
122	34.6	122
123	36.4	123
124	35.8	124
125	35.8	125
126	31.7	126
127	37.0	127
128	28.7	128
129	38.0	129
130	32.2	130
131	33.5	131
132	36.3	132
133	37.1	133
134	30.5	134
135	36.8	135
136	37.7	136
137	33.2	137

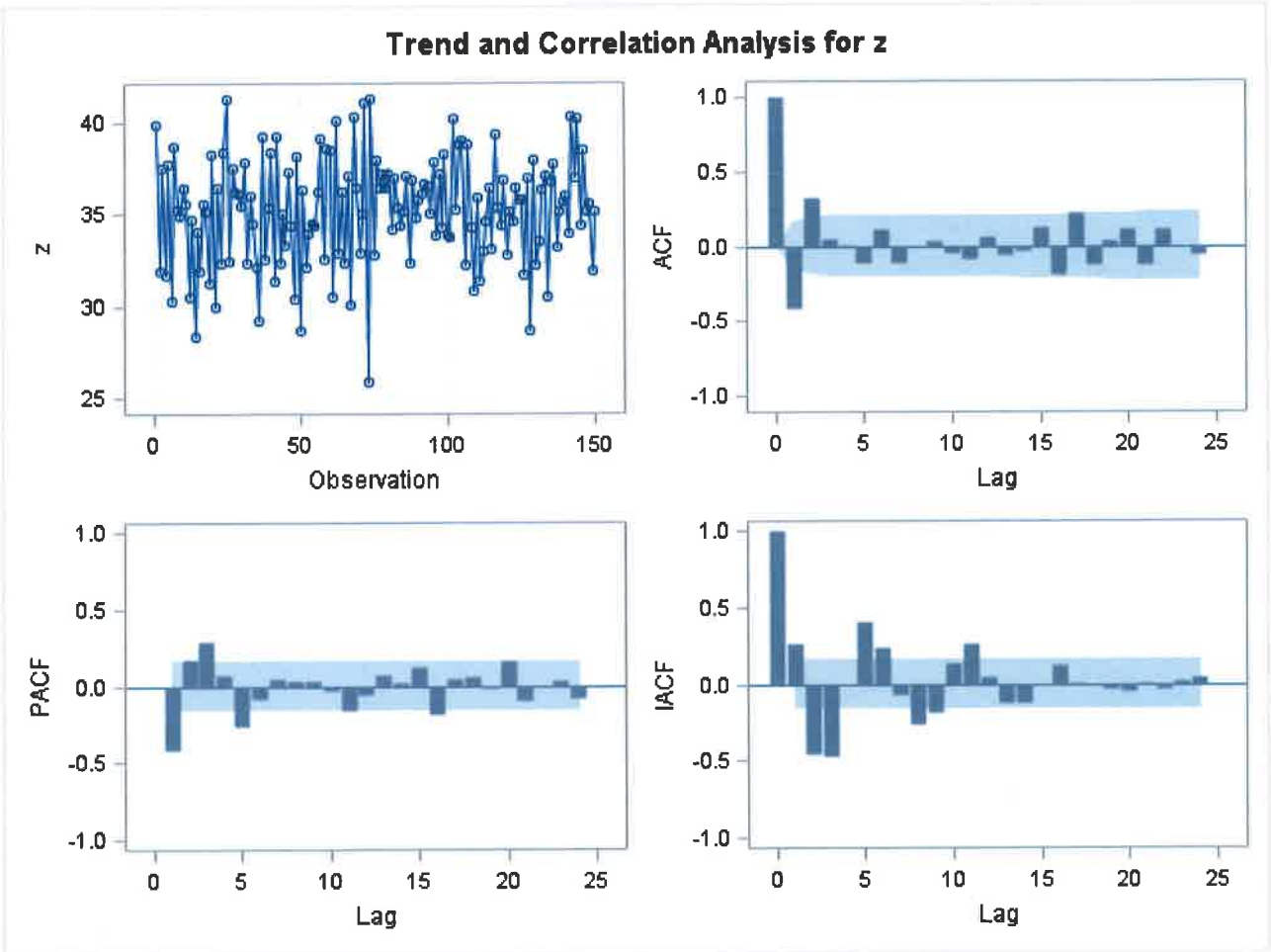
	35.2	138
139	35.7	139
140	36.0	140
141	34.0	141
142	40.3	142
143	37.0	143
144	40.2	144
145	34.4	145
146	38.5	146
147	35.2	147
148	35.6	148
149	31.9	149
150	35.2	150

viscosity original series

The ARIMA Procedure

Name of Variable = z	
Mean of Working Series	35.20133
Standard Deviation	2.922008
Number of Observations	150

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	46.31	6	<.0001	-0.415	0.319	0.049	0.004	-0.114	0.109
12	50.46	12	<.0001	-0.110	0.000	0.037	-0.042	-0.083	0.059
18	71.24	18	<.0001	-0.063	-0.033	0.124	-0.193	0.221	-0.124
24	79.60	24	<.0001	0.032	0.116	-0.121	0.117	-0.012	-0.064



viscosity original series

Obs	LAG	CORR	PARTCORR
1	0	1.00000	1.00000
2	1	-0.41512	-0.41512
3	2	0.31871	0.17686
4	3	0.04888	0.28836
5	4	0.00381	0.07473
6	5	-0.11424	-0.26723
7	6	0.10860	-0.08259
8	7	-0.11007	0.04994
9	8	0.00005	0.03011
10	9	0.03652	0.03461
11	10	-0.04234	-0.02604
12	11	-0.08306	-0.16437
13	12	0.05918	-0.05476
14	13	-0.06273	0.06789
15	14	-0.03316	0.02677
16	15	0.12410	0.11839
17	16	-0.19263	-0.18489
18	17	0.22120	0.05006
19	18	-0.12365	0.05416
20	19	0.03219	-0.02427
21	20	0.11645	0.16749
22	21	-0.12123	-0.09680
23	22	0.11728	-0.00590
24	23	-0.01150	0.03003
25	24	-0.06361	-0.08578