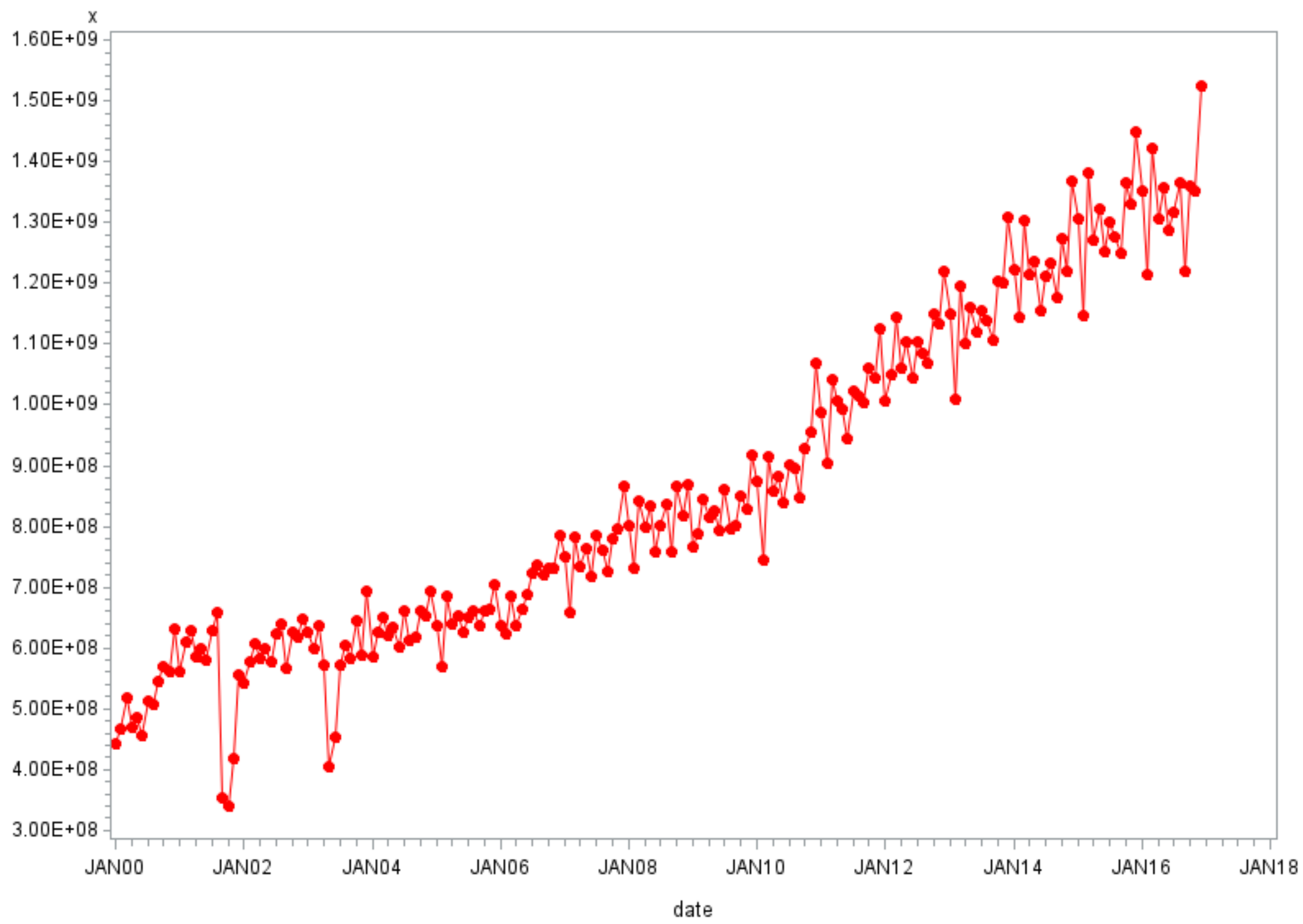
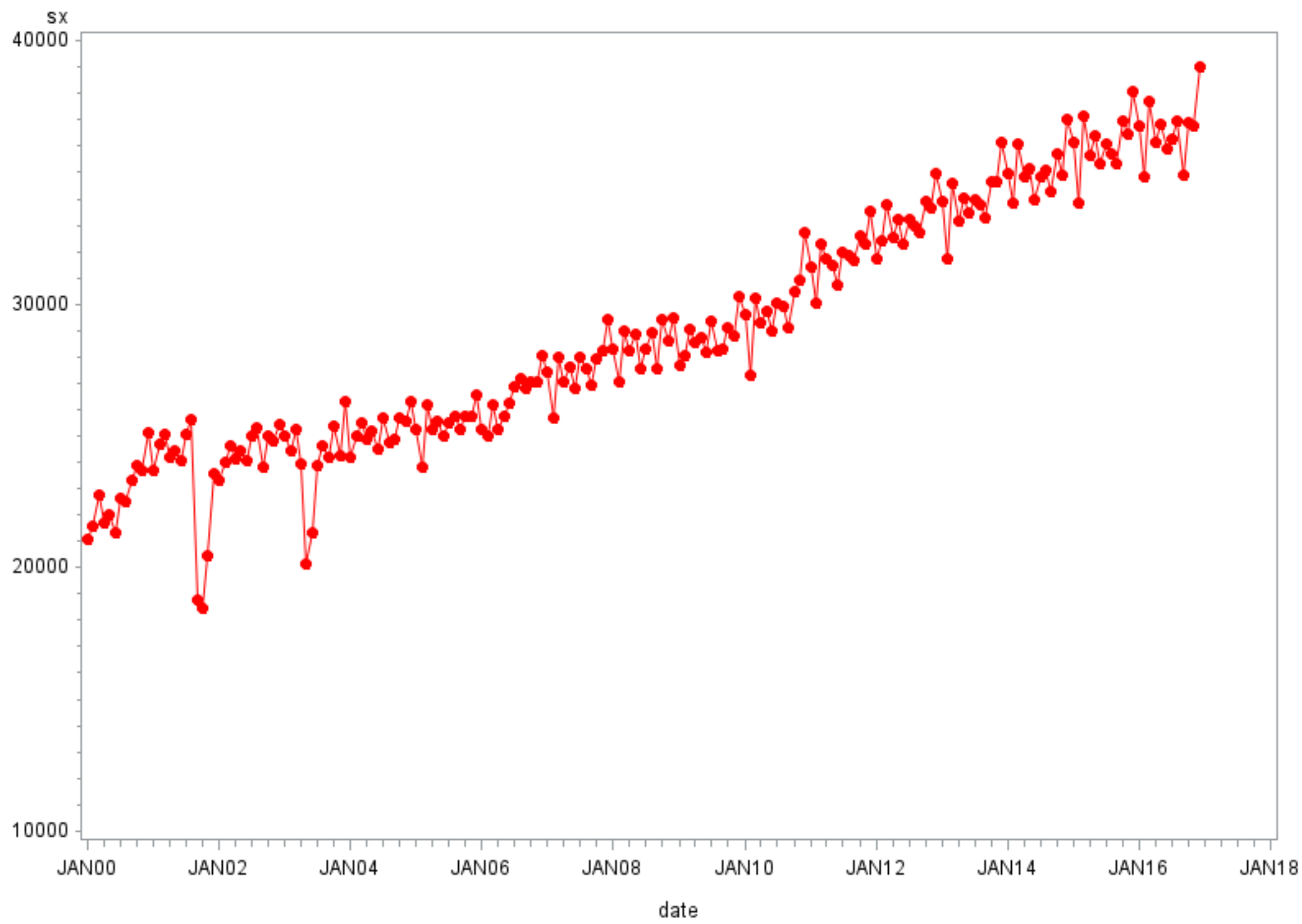


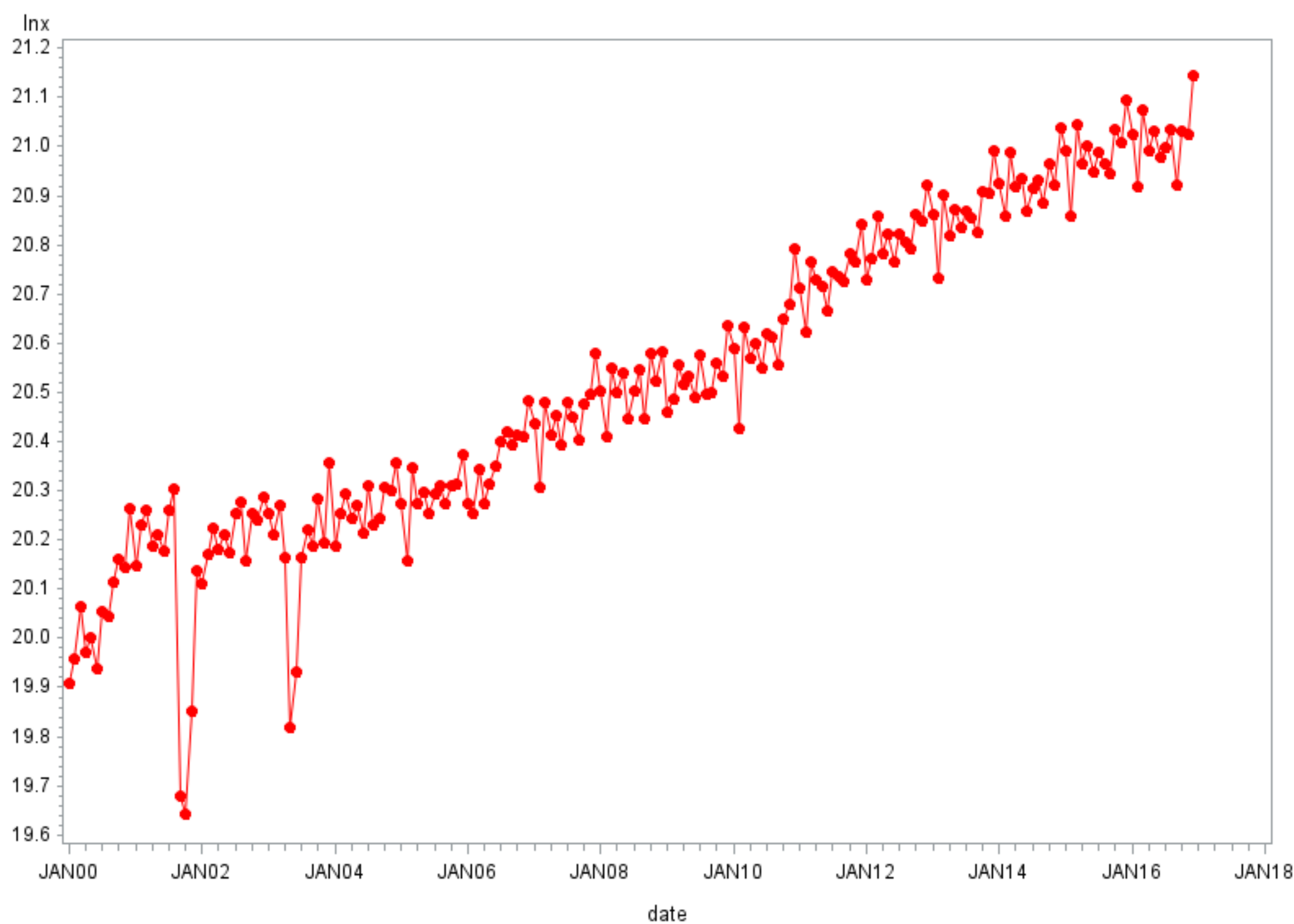
Time series plot of x



Time series plot of square roots of x



Time series plot of log x



Time series plot of log x

The AUTOREG Procedure

Dependent Variable	lnx
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The AUTOREG Procedure

Durbin-Watson Statistics			
Order	DW	Pr < DW	Pr > DW
1	0.7435	<.0001	1.0000

Parameter Estimates					
Variable	DF	Estimate	Standard Error	t Value	Approx Pr > t
Intercept	1	20.0704	0.0221	908.40	<.0001
t	1	0.005278	0.0000958	55.07	<.0001
d1	1	-0.0889	0.0276	-3.22	0.0015
d2	1	-0.1390	0.0276	-5.03	<.0001
d3	1	-0.0246	0.0276	-0.89	0.3750
d4	1	-0.0981	0.0276	-3.55	0.0005
d5	1	-0.0964	0.0276	-3.49	0.0006
d6	1	-0.1393	0.0276	-5.04	<.0001
d7	1	-0.0701	0.0276	-2.54	0.0119
d8	1	-0.0756	0.0276	-2.74	0.0067
d9	1	-0.1511	0.0276	-5.47	<.0001
d10	1	-0.0876	0.0276	-3.17	0.0018
d11	1	-0.0962	0.0276	-3.49	0.0006

Estimates of Autocorrelations																										
Lag	Covariance	Correlation	-1	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	1			
0	0.00606	1.000000													*****											
1	0.00380	0.625820													*****											
2	0.00206	0.340087													*****											
3	0.000796	0.131327													***											
4	0.000338	0.055772													*											
5	0.000315	0.052018													*											
6	0.000384	0.063291													*											
7	-0.00020	-0.032183													*											
8	-0.00036	-0.059280													*											
9	-0.00056	-0.092432													**											
10	-0.00046	-0.076267													**											
11	-0.00034	-0.056495													*											
12	-0.00041	-0.067533													*											
13	-0.00024	-0.039847													*											
14	0.000113	0.018581																								
15	0.000324	0.053488													*											

16	0.000326	0.053826		*	
17	0.000789	0.130061		***	
18	0.00137	0.225970		*****	
19	0.00197	0.324364		*****	
20	0.00216	0.356365		*****	

Preliminary MSE	0.00350
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Estimates of Autoregressive Parameters			
Lag	Coefficient	Standard Error	t Value
1	-0.626614	0.073181	-8.56
2	0.091324	0.071062	1.29
20	-0.173750	0.058594	-2.97

Expected Autocorrelations	
Lag	Autocorr
0	1.0000
1	0.5972
2	0.2951
3	0.1359
4	0.0607
5	0.0267
6	0.0117
7	0.0051
8	0.0022
9	0.0010
10	0.0005
11	0.0004
12	0.0006
13	0.0012
14	0.0027
15	0.0062
16	0.0142
17	0.0319
18	0.0700
19	0.1447
20	0.2580

Time series plot of log x

The AUTOREG Procedure

Yule-Walker Estimates			
SSE	0.70389857	DFE	188
MSE	0.00374	Root MSE	0.06119
SBC	-491.12167	AIC	-544.21159
MAE	0.03698839	AICC	-541.3025
MAPE	0.1816674	HQC	-522.73576
Durbin-Watson	1.9338	Regress R-Square	0.8081
		Total R-Square	0.9671

Durbin-Watson Statistics			
Order	DW	Pr < DW	Pr > DW
1	1.9338	0.3211	0.6789

NOTE: Pr<DW is the p-value for testing positive autocorrelation, and Pr>DW is the p-value for testing negative autocorrelation.

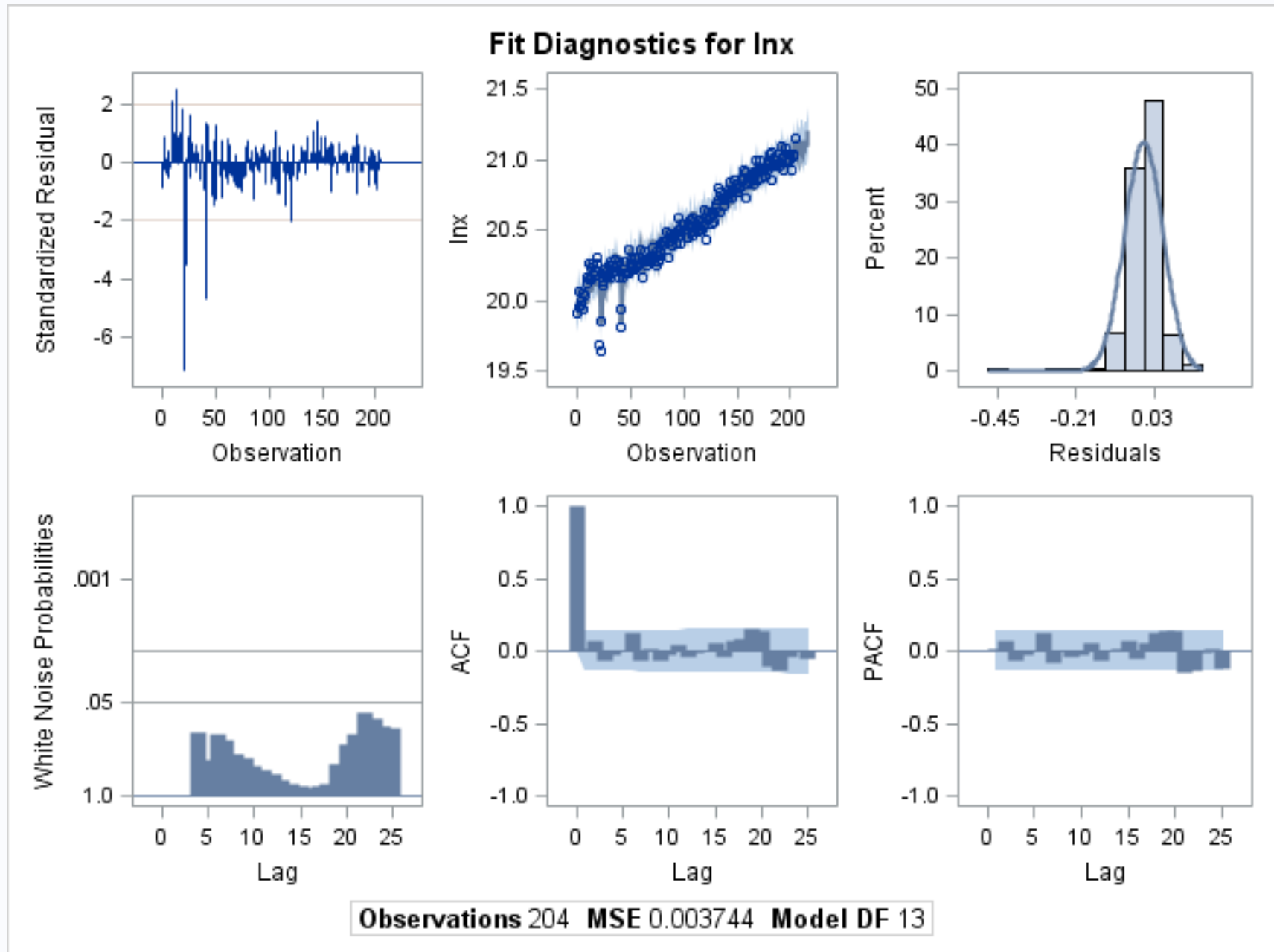
Parameter Estimates					
Variable	DF	Estimate	Standard Error	t Value	Approx Pr > t
Intercept	1	20.0826	0.0297	676.57	<.0001
t	1	0.005176	0.000209	24.82	<.0001
d1	1	-0.0862	0.0169	-5.11	<.0001
d2	1	-0.1366	0.0212	-6.43	<.0001
d3	1	-0.0232	0.0225	-1.03	0.3023
d4	1	-0.0972	0.0229	-4.24	<.0001
d5	1	-0.0953	0.0244	-3.90	0.0001
d6	1	-0.1360	0.0249	-5.47	<.0001
d7	1	-0.0678	0.0244	-2.78	0.0060
d8	1	-0.0733	0.0230	-3.19	0.0017
d9	1	-0.1480	0.0225	-6.58	<.0001
d10	1	-0.0851	0.0212	-4.02	<.0001
d11	1	-0.0942	0.0166	-5.69	<.0001

Expected Autocorrelations	
Lag	Autocorr
0	1.0000
1	0.5972
2	0.2951
3	0.1359
4	0.0607
5	0.0267
6	0.0117
7	0.0051
8	0.0022
9	0.0010
10	0.0005
11	0.0004
12	0.0006
13	0.0012
14	0.0027
15	0.0062

16	0.0142
17	0.0319
18	0.0700
19	0.1447
20	0.2580

Time series plot of log x

The AUTOREG Procedure



Time series plot of log x

Obs	l95	u95	x	date	t	forecast
1	411956377.07	573107400.89	442905725	JAN00	1	485896335.18
2	386420157.08	499746990.65	466003371	FEB00	2	439445458.08
3	464883302.22	601258188.21	518137719	MAR00	3	528691679.54
4	426536240.57	551643905.25	470704644	APR00	4	485073311.45
5	422494604.95	546406081.01	485453672	MAY00	5	480472289.87
6	415189178.59	536960992.67	455360000	JUN00	6	472165642.00
7	437602551.03	565938748.18	512236941	JUL00	7	497650720.82
8	451539097.30	583956889.62	506682210	AUG00	8	513497192.59
9	416531974.85	538664349.35	544530278	SEP00	9	473678081.84
10	489696470.08	633253338.40	568926707	OCT00	10	556867959.65
11	473612442.63	612402534.02	560096653	NOV00	11	538554973.99
12	520382200.45	672751607.16	632553772	DEC00	12	591682314.84
13	487472704.59	630117945.53	562503787	JAN01	13	554224953.53
14	454015105.29	586872781.05	610544355	FEB01	14	516187085.73
15	557352328.82	720406593.99	629473813	MAR01	15	633656289.21
16	485138736.60	627046352.00	585732909	APR01	16	551547346.11
17	491383799.08	635096375.38	598399725	MAY01	17	558637690.92
18	478157685.60	617953266.07	580282931	JUN01	18	543579896.17
19	514077291.73	664108702.65	629507349	JUL01	19	584297187.46
20	513687863.96	662603942.02	657423817	AUG01	20	583413749.95
21	489504753.61	627899669.97	352195950	SEP01	21	554400462.88
22	374916238.19	480909225.92	339651419	OCT01	22	424618273.15
23	367166981.58	470950595.59	418566775	NOV01	23	415833510.74
24	465668610.82	597224878.69	556819633	DEC01	24	527360293.92
25	475143126.78	609421574.39	542435299	JAN02	25	538110093.18
26	459877179.82	589805948.08	576358386	FEB02	26	520805430.13
27	554719056.40	711420268.71	607805335	MAR02	27	628202499.33
28	491391324.69	630194491.67	581724710	APR02	28	556481900.94
29	518288059.53	664686012.46	598038105	MAY02	29	586940221.48
30	503367833.35	645554920.12	578014283	JUN02	30	570045245.09
31	540129791.10	692701974.17	624438691	JUL02	31	611677180.06
32	543259346.91	696719214.61	640286373	AUG02	32	615222907.17
33	511464871.45	655948138.18	567764879	SEP02	33	579218810.27
34	541010522.61	693833851.77	625673005	OCT02	34	612675619.52
35	542936456.25	696278942.98	617025422	NOV02	35	614845689.48
36	594072673.02	761774375.62	646587914	DEC02	36	672717875.16
37	531828222.28	682031300.53	625032153	JAN03	37	602265302.09
38	526573610.13	675245070.49	598650774	FEB03	38	596293748.49
39	591854774.14	758935526.93	636769319	MAR03	39	670208635.34
40	537185022.66	688824195.44	572284703	APR03	40	608297658.25
41	482250078.59	618379807.47	405125729	MAY03	41	546089471.38
42	367710173.57	471509369.01	453731440	JUN03	42	416387790.31
43	465547161.02	596964911.48	571383456	JUL03	43	527176744.33
44	523242733.01	670949598.31	605728525	AUG03	44	592511182.62
45	503939504.84	646199775.44	584196391	SEP03	45	570653655.79
46	558088743.91	715629615.98	643659315	OCT03	46	631969013.08
47	557913932.96	715382561.57	588186751	NOV03	47	631760950.44
48	584857426.55	749854531.60	693440279	DEC03	48	662237111.34

49	568242065.39	728652127.33	584627354	JAN04	49	643467784.58
50	510595029.82	654678888.75	626351869	FEB04	50	578165881.67
51	622929025.07	798691855.02	650144308	MAR04	51	705356887.38
52	549371848.17	704372937.22	619743684	APR04	52	622063230.16
53	559801981.53	717743822.90	635242686	MAY04	53	633872553.67
54	547931441.34	702525721.33	601337518	JUN04	54	620432051.94
55	580667314.53	744498304.58	660840967	JUL04	55	657499681.51
56	583804503.29	748522094.88	611296460	AUG04	56	661052622.57
57	521998056.59	669277720.36	618332965	SEP04	57	591068244.23
58	592287152.30	759393723.91	660269303	OCT04	58	670655758.35
59	578940913.93	742261018.04	654144429	NOV04	59	655534340.94
60	633285939.52	811860622.17	693405565	DEC04	60	717035506.01
61	535526531.54	686651188.92	637558345	JAN05	61	606399150.38
62	526336592.76	674806313.87	568197083	FEB05	62	595965817.83
63	582973742.90	747403356.68	686470446	MAR05	63	660088276.14
64	578369933.17	741494839.78	638890367	APR05	64	654872751.71
65	581000650.71	744865899.72	652121471	MAY05	65	657850722.00
66	568408173.29	728722283.93	624995149	JUN05	66	643592807.80
67	599297314.32	768323781.23	650464902	JUL05	67	678567887.99
68	593711248.20	761162446.26	661654263	AUG05	68	672243040.91
69	552921192.95	708866090.34	637217002	SEP05	69	626056774.03
70	614977647.30	788420797.29	662045989	OCT05	70	696319730.44
71	591026307.55	757695825.86	664114461	NOV05	71	669192174.34
72	659911372.99	845933601.18	705329845	DEC05	72	747155408.34
73	595141884.62	763059558.86	637342019	JAN06	73	673890721.07
74	561833437.17	720280050.92	624455603	FEB06	74	636142607.23
75	645936359.48	828086217.11	685127626	MAR06	75	731362424.80
76	584086575.37	748790333.81	637530926	APR06	76	661330765.77
77	596785375.67	765068820.37	663661706	MAY06	77	675708430.74
78	587894891.77	753670586.17	688768807	JUN06	78	665641861.43
79	659578436.49	845567768.12	722871791	JUL06	79	746805373.87
80	640175937.12	820693000.40	737966863	AUG06	80	724836471.64
81	606152858.19	777071570.39	719814854	SEP06	81	686311994.22
82	657968915.83	843495135.60	732501235	OCT06	82	744978912.37
83	640110597.84	820584271.67	732115794	NOV06	83	724751466.86
84	711469799.72	911991073.55	786574655	DEC06	84	805514808.34
85	646028720.46	828298547.95	751063029	JAN07	85	731508476.43
86	632015524.93	810240976.86	659497496	FEB07	86	715601059.47
87	668641646.09	857182795.10	783940991	MAR07	87	757065462.90
88	652831004.24	836910042.97	733585805	APR07	88	739162244.58
89	658851700.20	844627626.40	763347210	MAY07	89	745978785.01
90	645461636.97	827459757.00	718462019	JUN07	90	730817028.59
91	682645399.42	875128018.48	784174820	JUL07	91	772917923.02
92	685355048.96	878599051.96	759816425	AUG07	92	775984726.83
93	623908627.72	799819843.80	726986490	SEP07	93	706409584.57
94	683474809.12	876178527.28	780403719	OCT07	94	773851375.71
95	677336175.98	868294312.11	797410688	NOV07	95	766894483.61
96	759594657.17	973674741.39	865942201	DEC07	96	859998913.59
97	695329388.51	891532603.42	802691648	JAN08	97	787342885.90
98	676369132.60	867116225.59	730614461	FEB08	98	765826775.04
99	734909864.10	942155791.02	841216506	MAR08	99	832105512.74

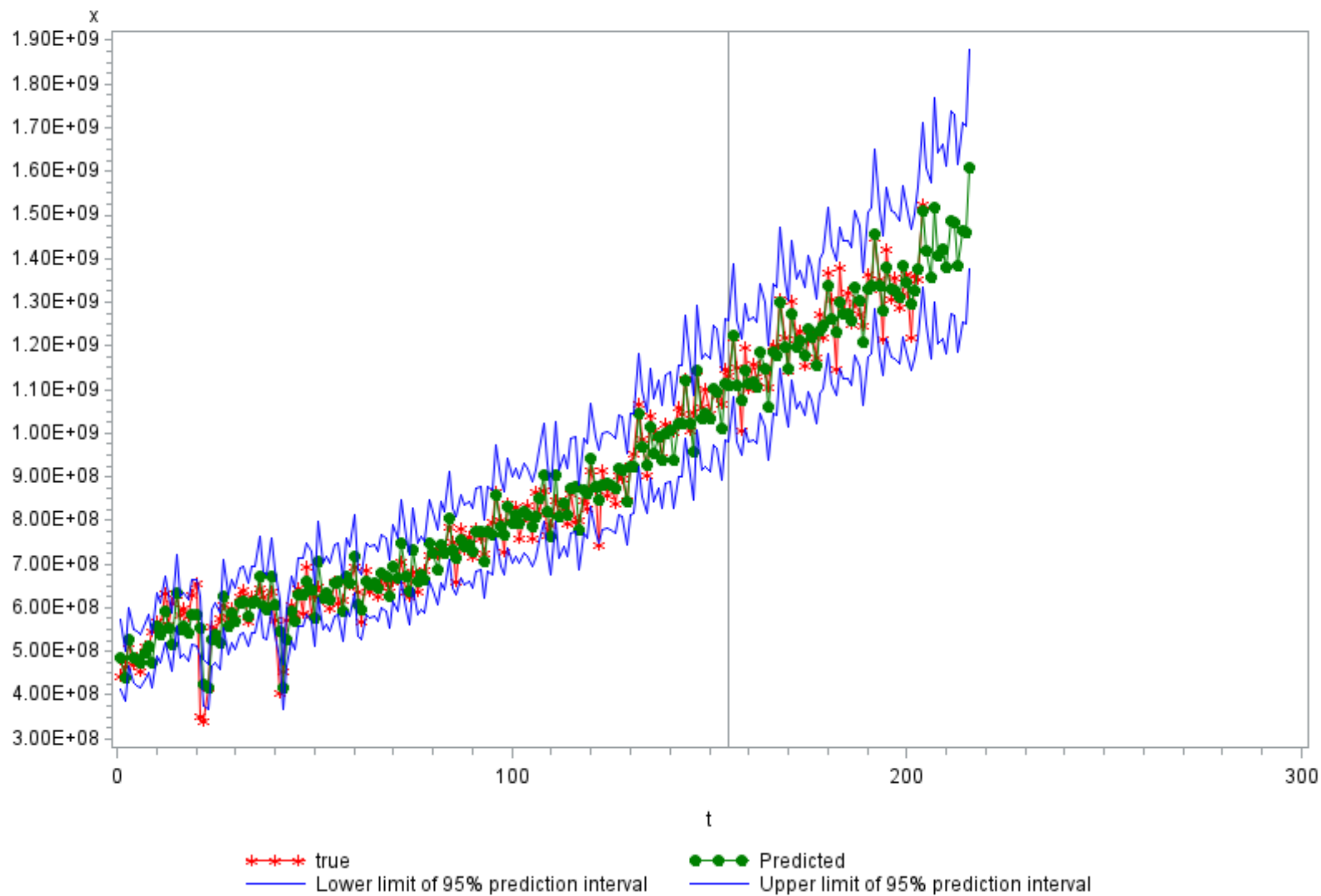
100	701470770.14	899284306.55	799159062	APR08	100	794242818.72
101	718341479.94	920912275.57	832744051	MAY08	101	813344629.86
102	700857206.32	898493586.46	757700604	JUN08	102	793546284.04
103	725129065.73	929609620.69	801290710	JUL08	103	821027987.19
104	717387483.97	919680683.70	837478050	AUG08	104	812260679.67
105	693398192.77	888915820.60	757753276	SEP08	105	785094022.09
106	714673473.07	916188992.48	865029361	OCT08	106	809182284.31
107	750218661.69	961744006.30	817975694	NOV08	107	849422333.88
108	797738518.63	1022597863.43	869983397	DEC08	108	903197489.32
109	725843832.90	930713082.84	767286241	JAN09	109	821919917.86
110	674133275.84	864292602.68	788165961	FEB09	110	763314092.31
111	799165611.11	1024586140.48	845255142	MAR09	111	904883422.93
112	715062879.62	916759709.65	814051205	APR09	112	809654764.64
113	740883996.57	949864502.17	826798811	MAY09	113	838891774.05
114	717074805.28	919333986.32	792619499	JUN09	114	811930563.06
115	771336879.56	988900712.26	861923310	JUL09	115	873370247.71
116	774298402.53	992691288.94	796868733	AUG09	116	876720753.28
117	687729903.24	881692220.03	800230012	SEP09	117	778695129.80
118	769993464.86	987156895.85	848866183	OCT09	118	871839640.41
119	760413319.37	974865508.82	827818135	NOV09	119	860988221.46
120	832069079.61	1066670893.06	916842742	DEC09	120	942095466.63
121	774533021.62	993237141.03	874982735	JAN10	121	877094615.21
122	748603278.58	959848446.38	743910789	FEB10	122	847670746.16
123	778324584.64	997952554.64	914383754	MAR10	123	881323440.95
124	781991935.54	1002655684.15	857919060	APR10	124	885476515.29
125	779602045.58	999592415.54	882412819	MAY10	125	882770803.72
126	770542885.34	987969398.28	839390599	JUN10	126	872509478.90
127	812859932.71	1042226279.22	902619183	JUL10	127	920425979.21
128	807924541.06	1035889996.36	895417550	AUG10	128	914833837.31
129	744296636.66	954290810.36	846176717	SEP10	129	842778405.37
130	813968637.39	1043621380.57	928609038	OCT10	130	921669720.18
131	815568912.64	1045667070.36	955555954	NOV10	131	923479049.88
132	922297454.21	1182451205.20	1069763763	DEC10	132	1044304427.02
133	856264573.87	1098185640.51	988277007	JAN11	133	969709987.32
134	817507742.44	1048318196.92	903345872	FEB11	134	925747396.72
135	896402227.49	1149486635.19	1042360960	MAR11	135	1015087375.68
136	841821855.09	1079499386.62	1005773165	APR11	136	953281792.65
137	874753117.04	1121730208.03	992750807	MAY11	137	990574073.94
138	829760465.69	1064024529.40	944566055	JUN11	138	939619864.11
139	883473295.02	1132900675.68	1022866064	JUL11	139	1000443648.02
140	888187304.56	1138934607.99	1014036823	AUG11	140	1005776943.23
141	828658238.59	1062576295.39	1002823893	SEP11	141	938356329.60
142	902314186.05	1157027372.50	1061261771	OCT11	142	1021764264.33
143	901189199.64	1155582414.91	1044031040	NOV11	143	1020489290.30
144	989588310.41	1268885198.55	1126672930	DEC11	144	1120568587.70
145	903498385.01	1158948935.03	1006923414	JAN12	145	1023283192.04
146	846575123.13	1085754002.51	1049426114	FEB12	146	958734753.91
147	1008903470.48	1293948063.57	1143165566	MAR12	147	1142571088.36
148	914135354.93	1172410615.73	1060454639	APR12	148	1035249725.59
149	921847799.60	1182304791.88	1102741251	MAY12	149	1043985187.08
150	912090842.02	1169778394.83	1044311525	JUN12	150	1032929891.67

151	972722045.82	1247537621.79	1102930706	JUL12	151	1101593095.34
152	964911918.46	1237507007.37	1085675052	AUG12	152	1092742083.29
153	893238548.22	1145556447.04	1069707150	SEP12	153	1011560763.21
154	983308841.65	1261074442.26	1149392023	OCT12	154	1113564389.27
155	980990296.39	1258103045.12	1132767384	NOV12	155	1110939637.93
156	1082185440.81	1387839982.26	1220914557	DEC12	156	1225520388.65
157	980055039.92	1257392481.17	1150436049	JAN13	157	1110096319.39
158	949415206.85	1217870635.02	1008231182	FEB13	158	1075297587.11
159	1011376109.26	1297359987.40	1196214219	MAR13	159	1145477584.40
160	982060804.35	1259763426.39	1101026837	APR13	160	1112278869.62
161	985602800.46	1264310698.57	1159906990	MAY13	161	1116292150.45
162	977657685.39	1254103178.91	1119544712	JUN13	162	1107286598.46
163	1045695802.44	1341377726.31	1156020379	JUL13	163	1184344991.08
164	1014476890.08	1301314513.05	1140049956	AUG13	164	1148979329.76
165	936746223.82	1201571749.37	1107748066	SEP13	165	1060927800.97
166	1045637296.71	1341254312.03	1202805402	OCT13	166	1184257376.18
167	1040912388.58	1335200809.58	1200792434	NOV13	167	1178909268.75
168	1148608290.02	1473309321.13	1308597409	DEC13	168	1300867133.88
169	1055699275.41	1354747606.42	1221834746	JAN14	169	1195912231.93
170	1015005824.47	1302287492.62	1143803107	FEB14	170	1149708393.52
171	1122911384.63	1440748552.24	1303875250	MAR14	171	1271940624.28
172	1055695970.87	1354519244.17	1214869409	APR14	172	1195809561.99
173	1070860605.07	1373981229.00	1236885478	MAY14	173	1212989023.13
174	1041337868.03	1336082816.92	1155419565	JUN14	174	1179539584.79
175	1094956891.60	1404875692.65	1212955380	JUL14	175	1240273486.58
176	1076310666.16	1380931696.64	1232940788	AUG14	176	1219143762.78
177	1020676136.21	1309509831.82	1175612785	SEP14	177	1156107882.28
178	1089521257.43	1397846172.96	1275028225	OCT14	178	1234092022.52
179	1101915977.17	1413761389.94	1219180852	NOV14	179	1248137117.26
180	1182027390.72	1516519949.41	1368989087	DEC14	180	1338868223.08
181	1113837204.09	1429723086.46	1307066108	JAN15	181	1261934532.87
182	1086610011.47	1394503731.64	1146264895	FEB15	182	1230967796.42
183	1147090713.24	1472141815.95	1381154403	MAR15	183	1299492287.64
184	1123580554.17	1441984214.03	1272534572	APR15	184	1272865044.81
185	1123310234.64	1441643321.58	1322895872	MAY15	185	1272561471.14
186	1109861194.66	1424360529.96	1251238335	JUN15	186	1257315584.66
187	1176539100.56	1509929510.36	1301390069	JUL15	187	1332850744.84
188	1150685515.04	1476725999.97	1275336046	AUG15	188	1303551770.30
189	1065701747.47	1367614862.55	1248577689	SEP15	189	1207257035.13
190	1173806037.64	1506356986.73	1364448412	OCT15	190	1329725883.73
191	1181688481.08	1516492083.88	1330728344	NOV15	191	1338663970.97
192	1285229806.43	1649355411.32	1450240499	DEC15	192	1455953548.72
193	1179435577.37	1514365461.24	1353556428	JAN16	193	1336449214.20
194	1131008968.05	1451890662.07	1215584585	FEB16	194	1281445027.86
195	1217881799.81	1563437199.43	1421920706	MAR16	195	1379884672.84
196	1174596875.85	1507888900.20	1306259500	APR16	196	1330849950.71
197	1171487148.83	1503904028.14	1358766172	MAY16	197	1327329741.26
198	1157974099.75	1486530733.56	1288514496	JUN16	198	1312007655.44
199	1220303312.55	1566541002.62	1318141011	JUL16	199	1382626187.64
200	1187037562.56	1523809573.20	1365774580	AUG16	200	1344923492.84
201	1144587906.04	1469260700.69	1219229971	SEP16	201	1296803003.09

202	1170458558.76	1502483615.80	1361171049	OCT16	202	1326120208.55
203	1215972015.07	1560933756.87	1353551250	NOV16	203	1377697995.11
204	1333485737.86	1711783913.90	1523753795	DEC16	204	1510840638.68
205	1251144555.82	1606957516.94	.	JAN17	205	1417933760.35
206	1168879132.31	1572963670.99	.	FEB17	206	1355951478.08
207	1300470376.76	1768863105.73	.	MAR17	207	1516691817.59
208	1203448102.12	1640892144.75	.	APR17	208	1405250346.87
209	1216831937.80	1660166347.84	.	MAY17	209	1421317499.41
210	1182374377.71	1613415924.79	.	JUN17	210	1381181251.71
211	1272825717.75	1736918365.57	.	JUL17	211	1486874024.70
212	1268880986.20	1731503831.37	.	AUG17	212	1482252437.73
213	1184053792.24	1615613994.81	.	SEP17	213	1383102988.70
214	1254459191.99	1711646337.65	.	OCT17	214	1465329478.89
215	1249605958.53	1705102967.95	.	NOV17	215	1459694087.35
216	1377705416.79	1880038956.02	.	DEC17	216	1609391143.72

Forecast of historical and future values of x

fitted time series regression



Forecast of historical and future values of x
fitted time series regression

Obs	x	forecast	MAD	MSE	MAPE
1	442905725	485896335.18	42990610.18	1.8481926E15	9.7065
2	466003371	439445458.08	26557912.92	7.0532274E14	5.6991
3	518137719	528691679.54	10553960.54	1.1138608E14	2.0369
4	470704644	485073311.45	14368667.45	2.064586E14	3.0526
5	485453672	480472289.87	4981382.13	2.4814168E13	1.0261
6	455360000	472165642.00	16805642.00	2.824296E14	3.6906
7	512236941	497650720.82	14586220.18	2.1275782E14	2.8476
8	506682210	513497192.59	6814982.59	4.6443988E13	1.3450
9	544530278	473678081.84	70852196.16	5.0200337E15	13.0116
10	568926707	556867959.65	12058747.35	1.4541339E14	2.1196
11	560096653	538554973.99	21541679.01	4.6404393E14	3.8461
12	632553772	591682314.84	40871457.16	1.670476E15	6.4613
13	562503787	554224953.53	8278833.47	6.8539084E13	1.4718
14	610544355	516187085.73	94357269.27	8.9032943E15	15.4546
15	629473813	633656289.21	4182476.21	1.7493107E13	0.6644
16	585732909	551547346.11	34185562.89	1.1686527E15	5.8364
17	598399725	558637690.92	39762034.08	1.5810194E15	6.6447
18	580282931	543579896.17	36703034.83	1.3471128E15	6.3250
19	629507349	584297187.46	45210161.54	2.0439587E15	7.1818
20	657423817	583413749.95	74010067.05	5.47749E15	11.2576
21	352195950	554400462.88	202204512.88	4.0886665E16	57.4125
22	339651419	424618273.15	84966854.15	7.2193663E15	25.0159
23	418566775	415833510.74	2733264.26	7.4707335E12	0.6530
24	556819633	527360293.92	29459339.08	8.6785266E14	5.2906
25	542435299	538110093.18	4325205.82	1.8707405E13	0.7974
26	576358386	520805430.13	55552955.87	3.0861309E15	9.6386
27	607805335	628202499.33	20397164.33	4.1604431E14	3.3559
28	581724710	556481900.94	25242809.06	6.3719941E14	4.3393
29	598038105	586940221.48	11097883.52	1.2316302E14	1.8557
30	578014283	570045245.09	7969037.91	6.3505565E13	1.3787
31	624438691	611677180.06	12761510.94	1.6285616E14	2.0437
32	640286373	615222907.17	25063465.83	6.2817732E14	3.9144
33	567764879	579218810.27	11453931.27	1.3119254E14	2.0174
34	625673005	612675619.52	12997385.48	1.6893203E14	2.0773
35	617025422	614845689.48	2179732.52	4.7512339E12	0.3533
36	646587914	672717875.16	26129961.16	6.8277487E14	4.0412
37	625032153	602265302.09	22766850.91	5.183295E14	3.6425
38	598650774	596293748.49	2357025.51	5.5555692E12	0.3937
39	636769319	670208635.34	33439316.34	1.1181879E15	5.2514
40	572284703	608297658.25	36012955.25	1.2969329E15	6.2928
41	405125729	546089471.38	140963742.38	1.9870777E16	34.7951
42	453731440	416387790.31	37343649.69	1.3945482E15	8.2303
43	571383456	527176744.33	44206711.67	1.9542334E15	7.7368
44	605728525	592511182.62	13217342.38	1.7469814E14	2.1821
45	584196391	570653655.79	13542735.21	1.8340568E14	2.3182
46	643659315	631969013.08	11690301.92	1.3666316E14	1.8162
47	588186751	631760950.44	43574199.44	1.8987109E15	7.4082

48	693440279	662237111.34	31203167.66	9.7363767E14	4.4998
49	584627354	643467784.58	58840430.58	3.4621963E15	10.0646
50	626351869	578165881.67	48185987.33	2.3218894E15	7.6931
51	650144308	705356887.38	55212579.38	3.0484289E15	8.4924
52	619743684	622063230.16	2319546.16	5.3802944E12	0.3743
53	635242686	633872553.67	1370132.33	1.8772626E12	0.2157
54	601337518	620432051.94	19094533.94	3.6460123E14	3.1753
55	660840967	657499681.51	3341285.49	1.1164189E13	0.5056
56	611296460	661052622.57	49756162.57	2.4756757E15	8.1394
57	618332965	591068244.23	27264720.77	7.43365E14	4.4094
58	660269303	670655758.35	10386455.35	1.0787845E14	1.5731
59	654144429	655534340.94	1389911.94	1.9318552E12	0.2125
60	693405565	717035506.01	23629941.01	5.5837411E14	3.4078
61	637558345	606399150.38	31159194.62	9.7089541E14	4.8873
62	568197083	595965817.83	27768734.83	7.7110263E14	4.8872
63	686470446	660088276.14	26382169.86	6.9601889E14	3.8432
64	638890367	654872751.71	15982384.71	2.5543662E14	2.5016
65	652121471	657850722.00	5729251.00	3.2824317E13	0.8786
66	624995149	643592807.80	18597658.80	3.4587291E14	2.9756
67	650464902	678567887.99	28102985.99	7.8977782E14	4.3204
68	661654263	672243040.91	10588777.91	1.1212222E14	1.6003
69	637217002	626056774.03	11160227.97	1.2455069E14	1.7514
70	662045989	696319730.44	34273741.44	1.1746894E15	5.1769
71	664114461	669192174.34	5077713.34	2.5783173E13	0.7646
72	705329845	747155408.34	41825563.34	1.7493777E15	5.9299
73	637342019	673890721.07	36548702.07	1.3358076E15	5.7346
74	624455603	636142607.23	11687004.23	1.3658607E14	1.8716
75	685127626	731362424.80	46234798.80	2.1376566E15	6.7483
76	637530926	661330765.77	23799839.77	5.6643237E14	3.7331
77	663661706	675708430.74	12046724.74	1.4512358E14	1.8152
78	688768807	665641861.43	23126945.57	5.3485561E14	3.3577
79	722871791	746805373.87	23933582.87	5.7281639E14	3.3109
80	737966863	724836471.64	13130391.36	1.7240718E14	1.7793
81	719814854	686311994.22	33502859.78	1.1224416E15	4.6544
82	732501235	744978912.37	12477677.37	1.5569243E14	1.7034
83	732115794	724751466.86	7364327.14	5.4233314E13	1.0059
84	786574655	805514808.34	18940153.34	3.5872941E14	2.4079
85	751063029	731508476.43	19554552.57	3.8238053E14	2.6036
86	659497496	715601059.47	56103563.47	3.1476098E15	8.5070
87	783940991	757065462.90	26875528.10	7.2229401E14	3.4283
88	733585805	739162244.58	5576439.58	3.1096678E13	0.7602
89	763347210	745978785.01	17368424.99	3.0166219E14	2.2753
90	718462019	730817028.59	12355009.59	1.5264626E14	1.7196
91	784174820	772917923.02	11256896.98	1.2671773E14	1.4355
92	759816425	775984726.83	16168301.83	2.6141398E14	2.1279
93	726986490	706409584.57	20576905.43	4.2340904E14	2.8304
94	780403719	773851375.71	6552343.29	4.2933203E13	0.8396
95	797410688	766894483.61	30516204.39	9.3123873E14	3.8269
96	865942201	859998913.59	5943287.41	3.5322665E13	0.6863
97	802691648	787342885.90	15348762.10	2.355845E14	1.9122
98	730614461	765826775.04	35212314.04	1.2399071E15	4.8195

99	841216506	832105512.74	9110993.26	8.3010198E13	1.0831
100	799159062	794242818.72	4916243.28	2.4169448E13	0.6152
101	832744051	813344629.86	19399421.14	3.7633754E14	2.3296
102	757700604	793546284.04	35845680.04	1.2849128E15	4.7309
103	801290710	821027987.19	19737277.19	3.8956011E14	2.4632
104	837478050	812260679.67	25217370.33	6.3591577E14	3.0111
105	757753276	785094022.09	27340746.09	7.475164E14	3.6081
106	865029361	809182284.31	55847076.69	3.118896E15	6.4561
107	817975694	849422333.88	31446639.88	9.8889116E14	3.8444
108	869983397	903197489.32	33214092.32	1.1031759E15	3.8178
109	767286241	821919917.86	54633676.86	2.9848386E15	7.1204
110	788165961	763314092.31	24851868.69	6.1761538E14	3.1531
111	845255142	904883422.93	59628280.93	3.5555319E15	7.0545
112	814051205	809654764.64	4396440.36	1.9328688E13	0.5401
113	826798811	838891774.05	12092963.05	1.4623976E14	1.4626
114	792619499	811930563.06	19311064.06	3.7291719E14	2.4364
115	861923310	873370247.71	11446937.71	1.3103238E14	1.3281
116	796868733	876720753.28	79852020.28	6.3763451E15	10.0207
117	800230012	778695129.80	21534882.20	4.6375115E14	2.6911
118	848866183	871839640.41	22973457.41	5.2777975E14	2.7064
119	827818135	860988221.46	33170086.46	1.1002546E15	4.0069
120	916842742	942095466.63	25252724.63	6.377001E14	2.7543
121	874982735	877094615.21	2111880.21	4.460038E12	0.2414
122	743910789	847670746.16	103759957.16	1.0766129E16	13.9479
123	914383754	881323440.95	33060313.05	1.0929843E15	3.6156
124	857919060	885476515.29	27557455.29	7.5941334E14	3.2121
125	882412819	882770803.72	357984.72	128153061726	0.0406
126	839390599	872509478.90	33118879.90	1.0968602E15	3.9456
127	902619183	920425979.21	17806796.21	3.1708199E14	1.9728
128	895417550	914833837.31	19416287.31	3.7699221E14	2.1684
129	846176717	842778405.37	3398311.63	1.1548522E13	0.4016
130	928609038	921669720.18	6939317.82	4.8154132E13	0.7473
131	955555954	923479049.88	32076904.12	1.0289278E15	3.3569
132	1069763763	1044304427.02	25459335.98	6.4817779E14	2.3799
133	988277007	969709987.32	18567019.68	3.4473422E14	1.8787
134	903345872	925747396.72	22401524.72	5.0182831E14	2.4798
135	1042360960	1015087375.68	27273584.32	7.438484E14	2.6165
136	1005773165	953281792.65	52491372.35	2.7553442E15	5.2190
137	992750807	990574073.94	2176733.06	4.7381668E12	0.2193
138	944566055	939619864.11	4946190.89	2.4464804E13	0.5236
139	1022866064	1000443648.02	22422415.98	5.0276474E14	2.1921
140	1014036823	1005776943.23	8259879.77	6.8225614E13	0.8146
141	1002823893	938356329.60	64467563.40	4.1560667E15	6.4286
142	1061261771	1021764264.33	39497506.67	1.560053E15	3.7217
143	1044031040	1020489290.30	23541749.70	5.5421398E14	2.2549
144	1126672930	1120568587.70	6104342.30	3.7262995E13	0.5418
145	1006923414	1023283192.04	16359778.04	2.6764234E14	1.6247
146	1049426114	958734753.91	90691360.09	8.2249228E15	8.6420
147	1143165566	1142571088.36	594477.64	353403658847	0.0520
148	1060454639	1035249725.59	25204913.41	6.3528766E14	2.3768
149	1102741251	1043985187.08	58756063.92	3.452275E15	5.3282

150	1044311525	1032929891.67	11381633.33	1.2954158E14	1.0899
151	1102930706	1101593095.34	1337610.66	1.7892023E12	0.1213
152	1085675052	1092742083.29	7067031.29	4.9942931E13	0.6509
153	1069707150	1011560763.21	58146386.79	3.3810023E15	5.4357
154	1149392023	1113564389.27	35827633.73	1.2836193E15	3.1171
155	1132767384	1110939637.93	21827746.07	4.764505E14	1.9269
156	1220914557	1225520388.65	4605831.65	2.1213685E13	0.3772
157	1150436049	1110096319.39	40339729.61	1.6272938E15	3.5065
158	1008231182	1075297587.11	67066405.11	4.4979027E15	6.6519
159	1196214219	1145477584.40	50736634.60	2.5742061E15	4.2414
160	1101026837	1112278869.62	11252032.62	1.2660824E14	1.0220
161	1159906990	1116292150.45	43614839.55	1.9022542E15	3.7602
162	1119544712	1107286598.46	12258113.54	1.5026135E14	1.0949
163	1156020379	1184344991.08	28324612.08	8.0228365E14	2.4502
164	1140049956	1148979329.76	8929373.76	7.9733716E13	0.7832
165	1107748066	1060927800.97	46820265.03	2.1921372E15	4.2266
166	1202805402	1184257376.18	18548025.82	3.4402926E14	1.5421
167	1200792434	1178909268.75	21883165.25	4.7887292E14	1.8224
168	1308597409	1300867133.88	7730275.12	5.9757153E13	0.5907
169	1221834746	1195912231.93	25922514.07	6.7197674E14	2.1216
170	1143803107	1149708393.52	5905286.52	3.4872409E13	0.5163
171	1303875250	1271940624.28	31934625.72	1.0198203E15	2.4492
172	1214869409	1195809561.99	19059847.01	3.6327777E14	1.5689
173	1236885478	1212989023.13	23896454.87	5.7104056E14	1.9320
174	1155419565	1179539584.79	24120019.79	5.8177535E14	2.0876
175	1212955380	1240273486.58	27318106.58	7.4627895E14	2.2522
176	1232940788	1219143762.78	13797025.22	1.903579E14	1.1190
177	1175612785	1156107882.28	19504902.72	3.8044123E14	1.6591
178	1275028225	1234092022.52	40936202.48	1.6757727E15	3.2106
179	1219180852	1248137117.26	28956265.26	8.384653E14	2.3751
180	1368989087	1338868223.08	30120863.92	9.0726644E14	2.2002
181	1307066108	1261934532.87	45131575.13	2.0368591E15	3.4529
182	1146264895	1230967796.42	84702901.42	7.1745815E15	7.3895
183	1381154403	1299492287.64	81662115.36	6.6687011E15	5.9126
184	1272534572	1272865044.81	330472.81	109212277261	0.0260
185	1322895872	1272561471.14	50334400.86	2.5335519E15	3.8049
186	1251238335	1257315584.66	6077249.66	3.6932963E13	0.4857
187	1301390069	1332850744.84	31460675.84	9.8977412E14	2.4175
188	1275336046	1303551770.30	28215724.30	7.961271E14	2.2124
189	1248577689	1207257035.13	41320653.87	1.7073964E15	3.3094
190	1364448412	1329725883.73	34722528.27	1.205654E15	2.5448
191	1330728344	1338663970.97	7935626.97	6.2974175E13	0.5963
192	1450240499	1455953548.72	5713049.72	3.2638937E13	0.3939
193	1353556428	1336449214.20	17107213.80	2.9265676E14	1.2639
194	1215584585	1281445027.86	65860442.86	4.3375979E15	5.4180
195	1421920706	1379884672.84	42036033.16	1.7670281E15	2.9563
196	1306259500	1330849950.71	24590450.71	6.0469027E14	1.8825
197	1358766172	1327329741.26	31436430.74	9.8824918E14	2.3136
198	1288514496	1312007655.44	23493159.44	5.5192854E14	1.8233
199	1318141011	1382626187.64	64485176.64	4.158338E15	4.8921
200	1365774580	1344923492.84	20851087.16	4.3476784E14	1.5267

201	1219229971	1296803003.09	77573032.09	6.0175753E15	6.3625
202	1361171049	1326120208.55	35050840.45	1.2285614E15	2.5751
203	1353551250	1377697995.11	24146745.11	5.830653E14	1.7840
204	1523753795	1510840638.68	12913156.32	1.6674961E14	0.8475
205	.	1417933760.35	.	.	.
206	.	1355951478.08	.	.	.
207	.	1516691817.59	.	.	.
208	.	1405250346.87	.	.	.
209	.	1421317499.41	.	.	.
210	.	1381181251.71	.	.	.
211	.	1486874024.70	.	.	.
212	.	1482252437.73	.	.	.
213	.	1383102988.70	.	.	.
214	.	1465329478.89	.	.	.
215	.	1459694087.35	.	.	.
216	.	1609391143.72	.	.	.

Forecast of historical and future values of x
fitted time series regression

The MEANS Procedure

Variable	Mean
MAD	28188860.71
MSE	1.4199087E15
MAPE	3.8057784