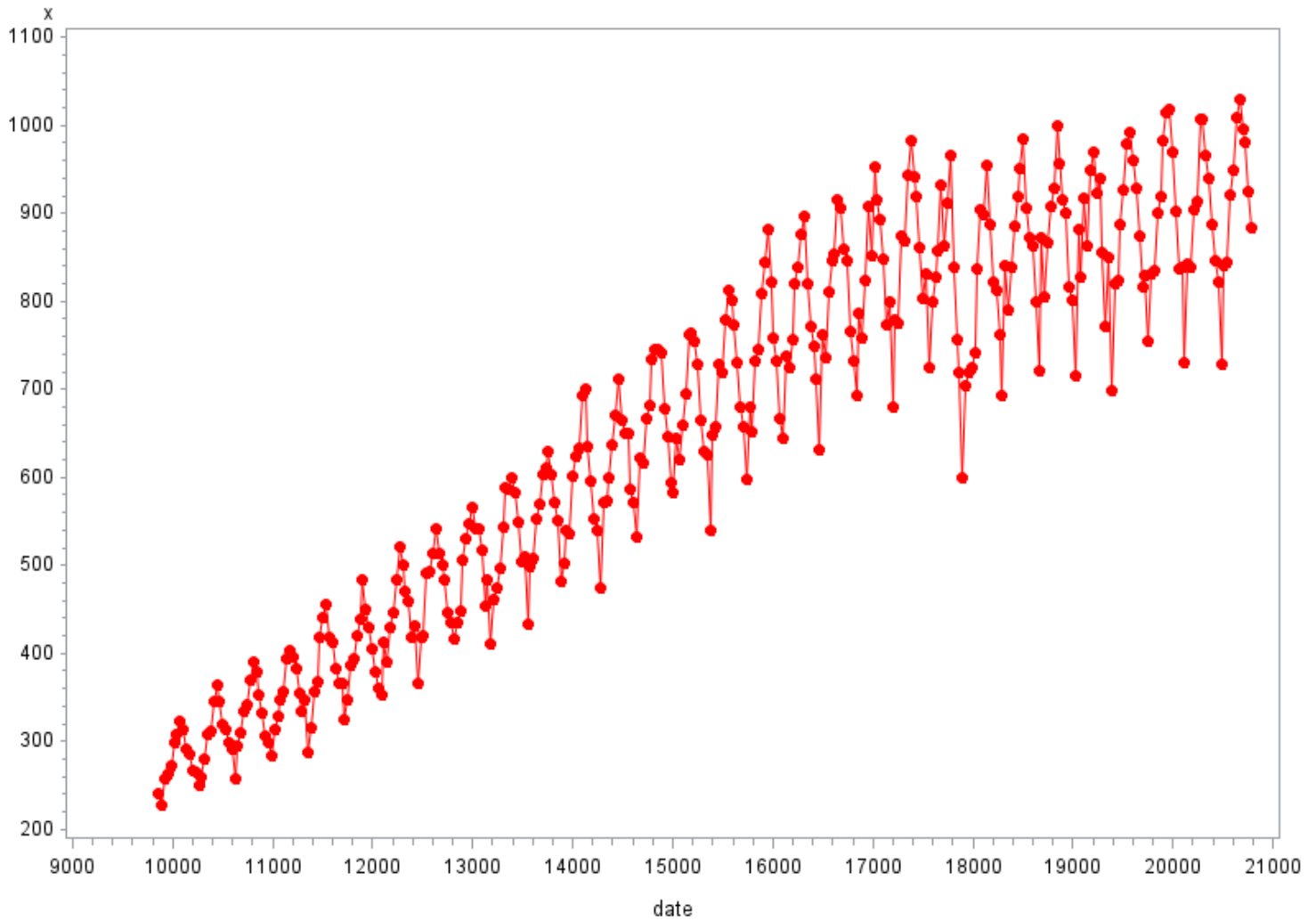
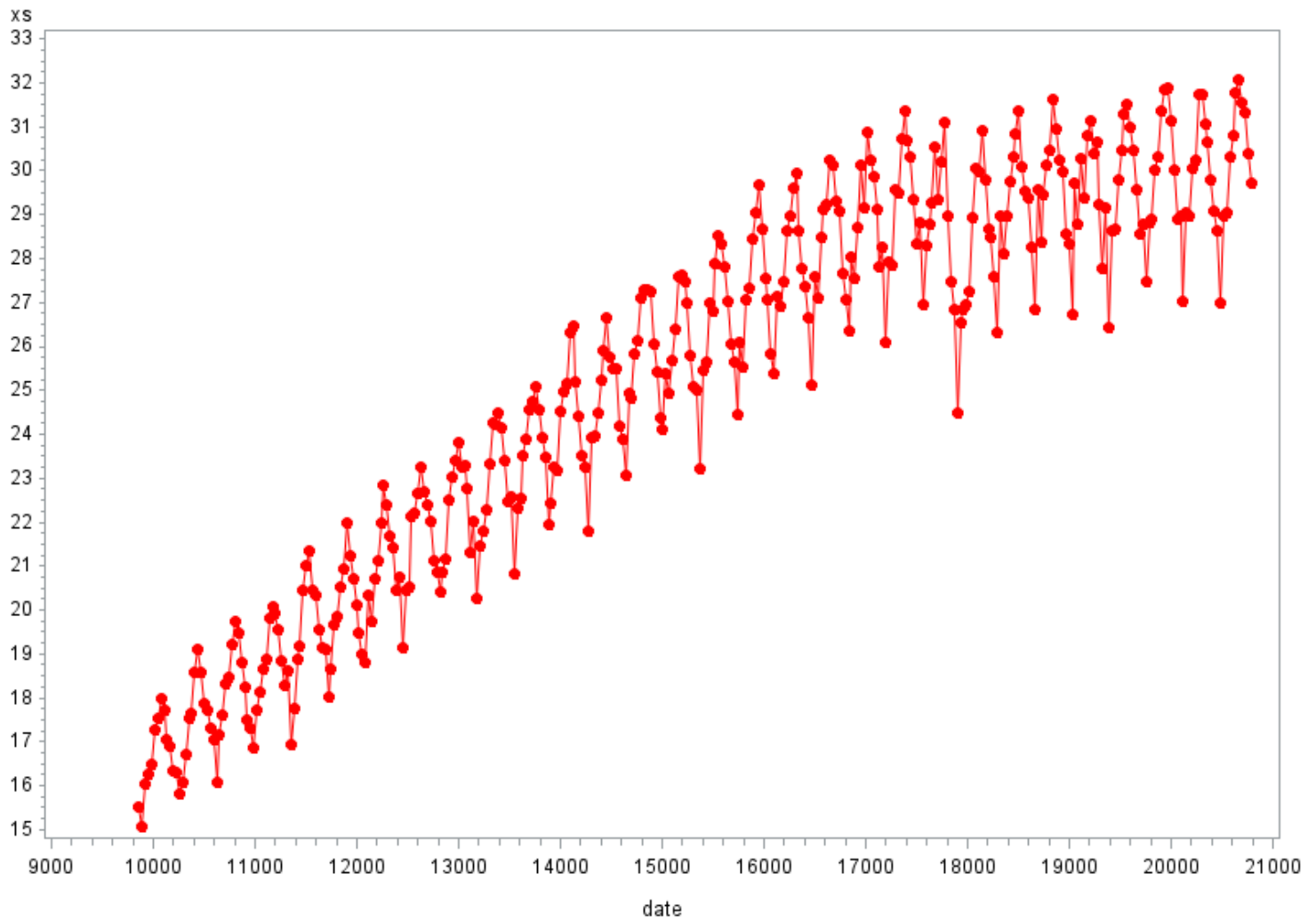


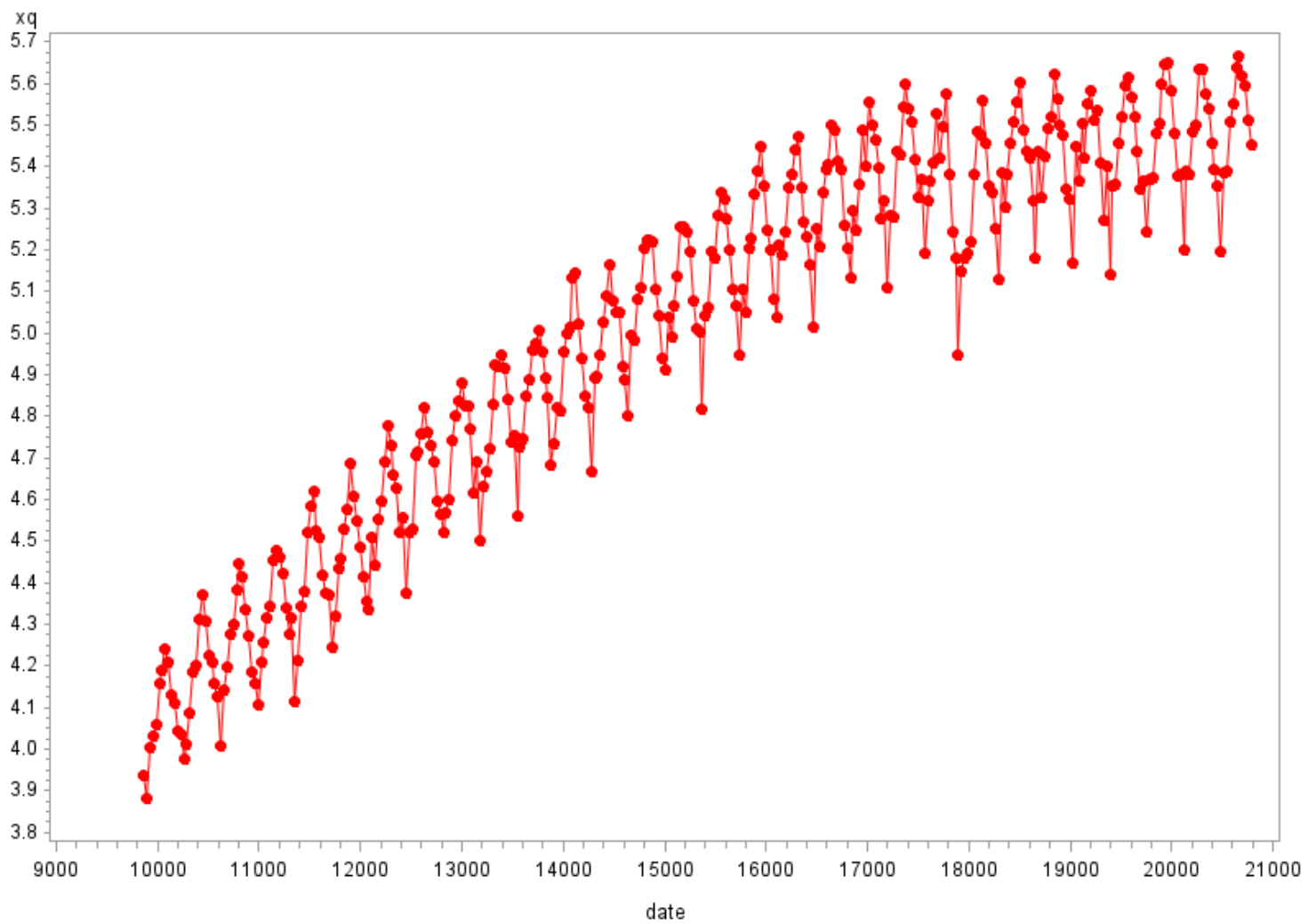
Time series plot of different x



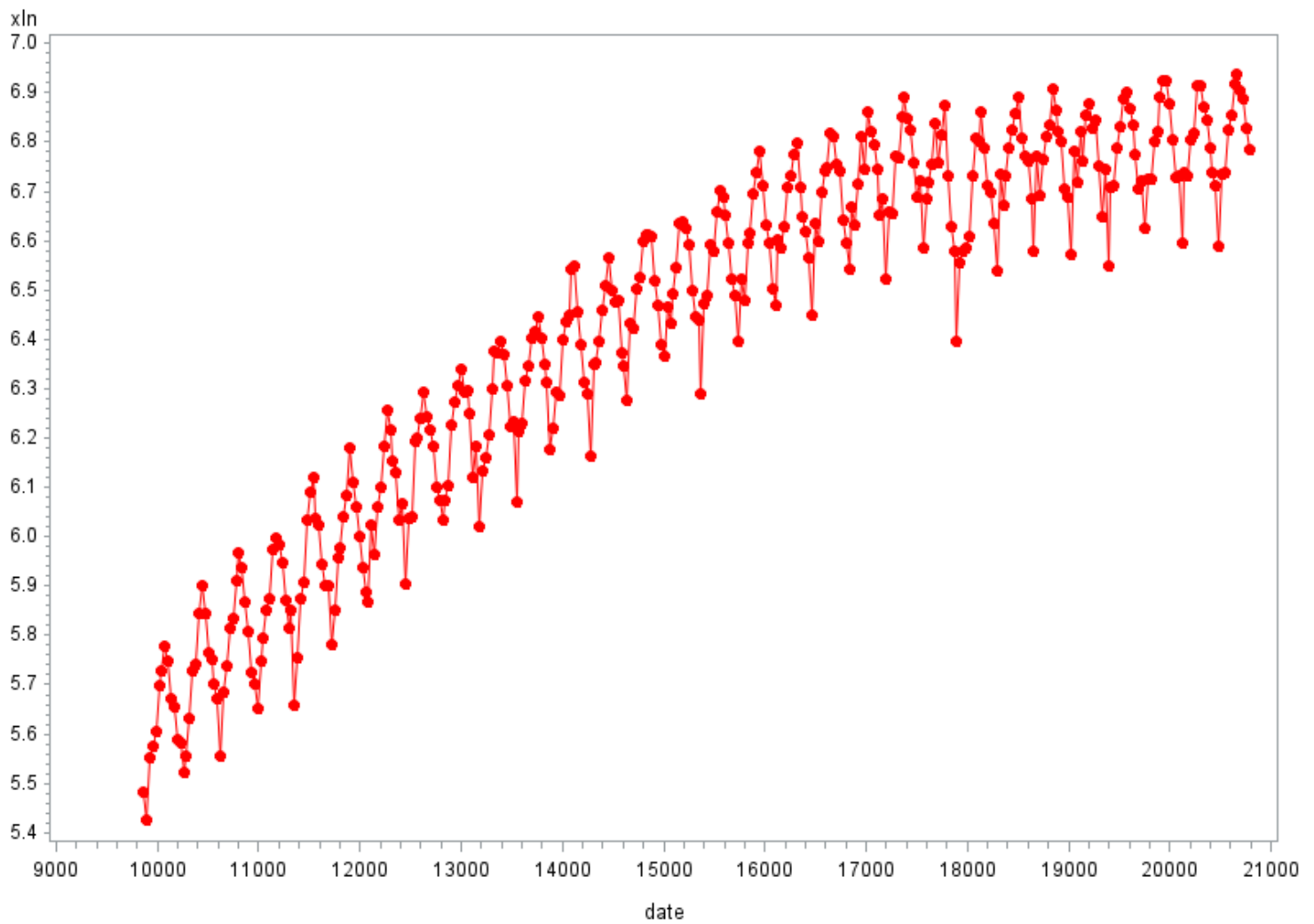
Time series plot of different x



Time series plot of different x



Time series plot of different x



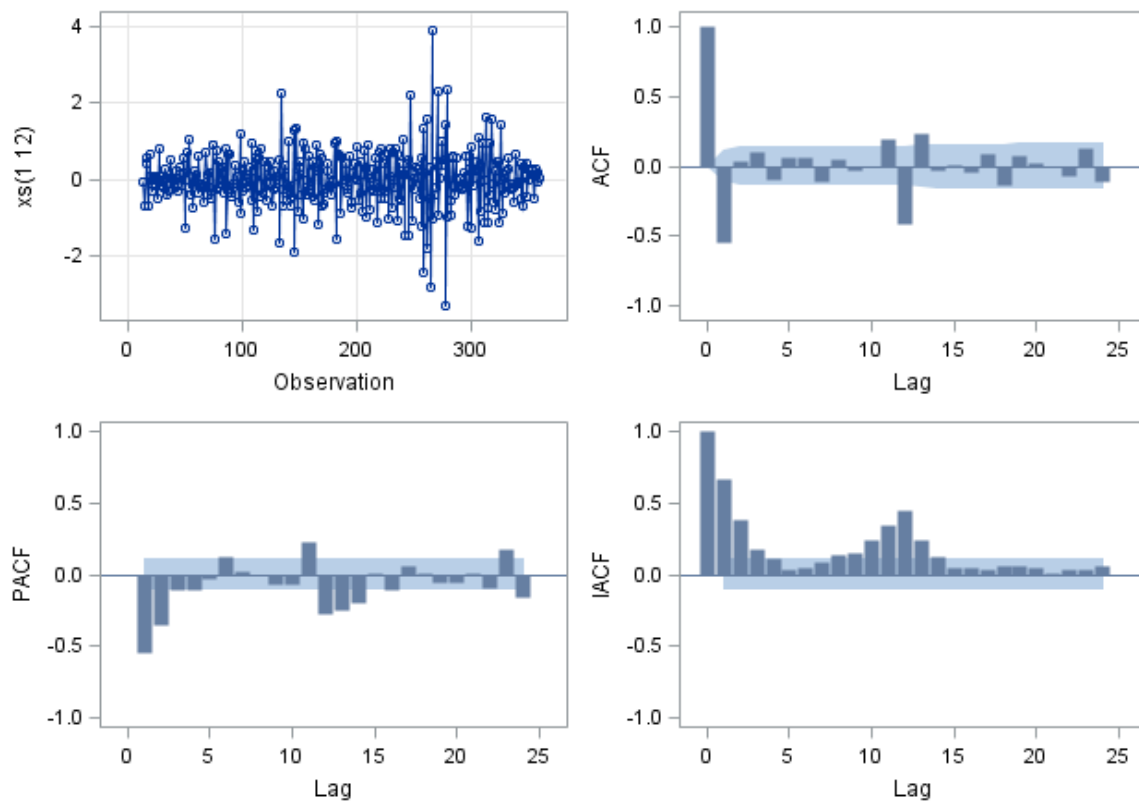
Time series plot of different x

The ARIMA Procedure

Name of Variable = xs	
Period(s) of Differencing	1,12
Mean of Working Series	-0.00034
Standard Deviation	0.743539
Number of Observations	347
Observation(s) eliminated by differencing	13

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	113.21	6	<.0001	-0.541	0.040	0.101	-0.103	0.067	0.057
12	192.76	12	<.0001	-0.113	0.051	-0.032	-0.002	0.187	-0.411
18	222.55	18	<.0001	0.229	-0.027	0.006	-0.046	0.089	-0.136
24	236.19	24	<.0001	0.073	0.021	-0.004	-0.066	0.122	-0.108

Trend and Correlation Analysis for xs(1 12)



Conditional Least Squares Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	-0.0020036	0.0005539	-3.62	0.0003	0
MA1,1	0.82228	0.04289	19.17	<.0001	1
MA1,2	0.11981	0.03567	3.36	0.0009	7
MA2,1	0.78194	0.03610	21.66	<.0001	12
AR1,1	0.14951	0.06414	2.33	0.0203	2
AR1,2	0.19776	0.06127	3.23	0.0014	3

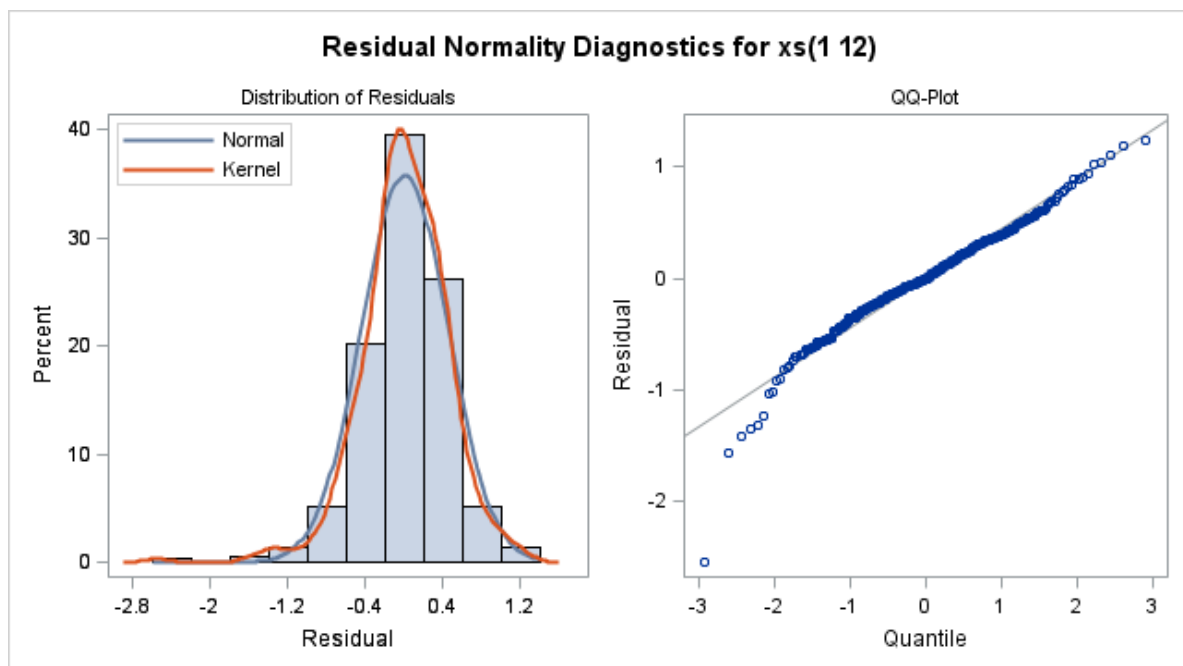
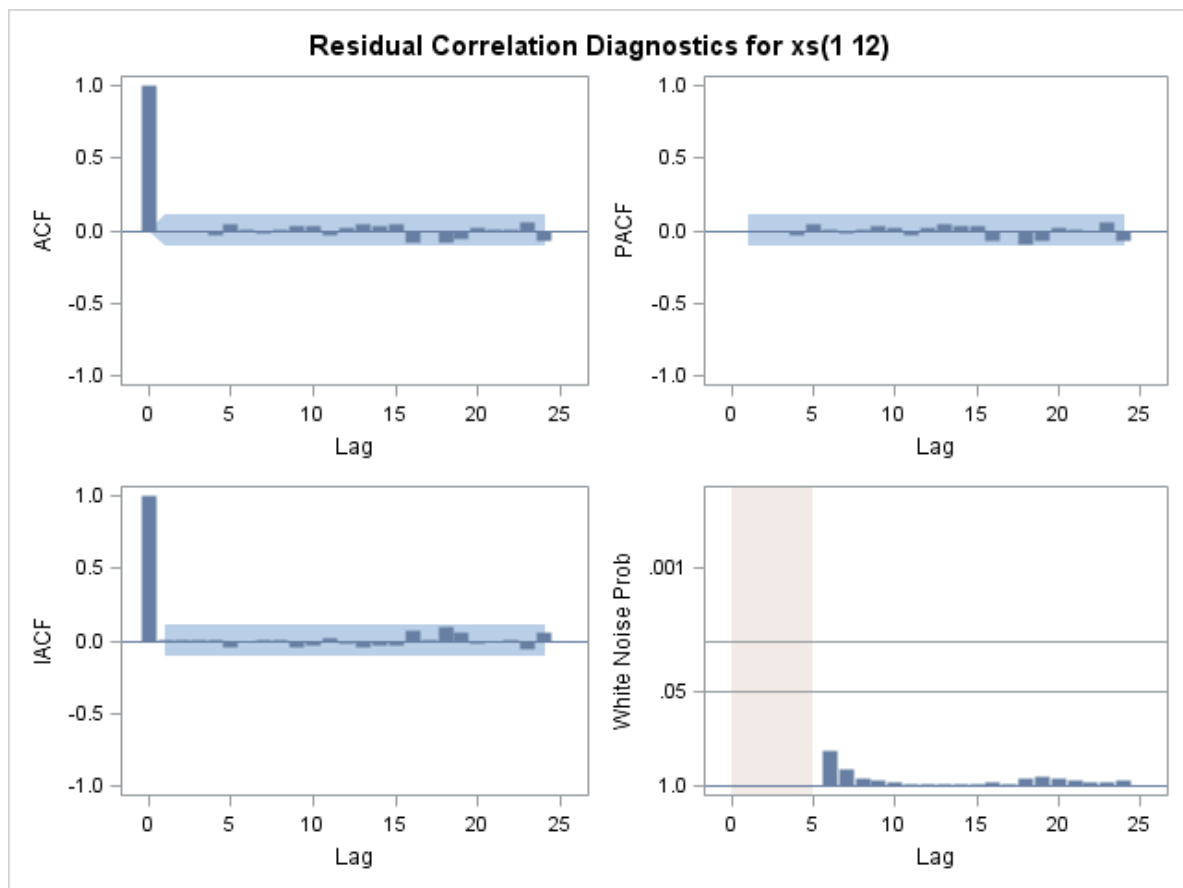
Constant Estimate	-0.00131
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Variance Estimate	0.201959
Std Error Estimate	0.449398
AIC	435.5979
SBC	458.6938
Number of Residuals	347

* AIC and SBC do not include log determinant.

Correlations of Parameter Estimates						
Parameter	MU	MA1,1	MA1,2	MA2,1	AR1,1	AR1,2
MU	1.000	-0.008	-0.011	0.013	0.002	0.004
MA1,1	-0.008	1.000	-0.762	-0.168	0.568	0.511
MA1,2	-0.011	-0.762	1.000	-0.009	-0.403	-0.358
MA2,1	0.013	-0.168	-0.009	1.000	-0.049	-0.097
AR1,1	0.002	0.568	-0.403	-0.049	1.000	0.278
AR1,2	0.004	0.511	-0.358	-0.097	0.278	1.000

Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	0.94	1	0.3331	-0.006	-0.005	-0.009	-0.028	0.041	0.006
12	2.13	7	0.9522	-0.016	0.007	0.034	0.027	-0.028	0.018
18	8.86	13	0.7836	0.044	0.035	0.042	-0.077	-0.004	-0.087
24	13.37	19	0.8192	-0.059	0.024	0.002	0.005	0.054	-0.072
30	16.96	25	0.8833	0.063	0.039	0.001	-0.014	-0.031	0.053
36	27.26	31	0.6593	-0.131	0.003	-0.035	0.078	0.040	0.025
42	34.94	37	0.5658	0.099	-0.079	-0.059	0.010	0.003	-0.006
48	53.26	43	0.1357	0.002	-0.045	0.012	0.092	0.130	-0.134



Model for variable xs	
Estimated Mean	-0.002
Period(s) of Differencing	1,12

Autoregressive Factors	
Factor 1:	1 - 0.14951 B**(2) - 0.19776 B**(3)

Moving Average Factors	
Factor 1:	1 - 0.82228 B**(1) - 0.11981 B**(7)
Factor 2:	1 - 0.78194 B**(12)

Forecasts for variable xs						
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual
14	15.8489	0.4494	14.9681	16.7297	15.8082	-0.0407
15	16.8056	0.4494	15.9248	17.6864	16.0941	-0.7115
16	16.8730	0.4494	15.9922	17.7538	16.7075	-0.1655
17	16.9780	0.4494	16.0972	17.8588	17.5328	0.5548
18	17.7921	0.4494	16.9113	18.6729	17.6434	-0.1487
19	18.1925	0.4494	17.3117	19.0733	18.5801	0.3876
20	18.7045	0.4494	17.8237	19.5853	19.1037	0.3991
21	18.4963	0.4494	17.6155	19.3771	18.5693	0.0731
22	18.0745	0.4494	17.1937	18.9554	17.8670	-0.2075
23	17.8660	0.4494	16.9852	18.7468	17.7299	-0.1361
24	17.1766	0.4494	16.2958	18.0574	17.2968	0.1202
25	17.1403	0.4494	16.2595	18.0211	17.0420	-0.0983
26	16.6524	0.4494	15.7716	17.5332	16.0739	-0.5785
27	17.3094	0.4494	16.4285	18.1902	17.1662	-0.1431
28	17.4493	0.4494	16.5685	18.3301	17.6153	0.1661
29	17.8106	0.4494	16.9298	18.6914	18.3000	0.4894
30	18.6311	0.4494	17.7503	19.5119	18.4765	-0.1546
31	19.0724	0.4494	18.1916	19.9532	19.2039	0.1315
32	19.5489	0.4494	18.6681	20.4297	19.7545	0.2056
33	19.2966	0.4494	18.4158	20.1774	19.4831	0.1865
34	18.7485	0.4494	17.8677	19.6293	18.7973	0.0488
35	18.6010	0.4494	17.7202	19.4818	18.2466	-0.3544
36	17.9700	0.4494	17.0891	18.8508	17.5077	-0.4622
37	17.7318	0.4494	16.8510	18.6126	17.2945	-0.4373
38	16.9669	0.4494	16.0861	17.8477	16.8621	-0.1048
39	17.7378	0.4494	16.8570	18.6186	17.7079	-0.0299
40	18.0312	0.4494	17.1504	18.9120	18.1331	0.1019
41	18.5006	0.4494	17.6198	19.3814	18.6400	0.1394
42	19.1134	0.4494	18.2326	19.9942	18.8619	-0.2516
43	19.6280	0.4494	18.7471	20.5088	19.8290	0.2011
44	20.1516	0.4494	19.2708	21.0324	20.0666	-0.0850
45	19.8533	0.4494	18.9725	20.7341	19.9143	0.0610
46	19.2496	0.4494	18.3688	20.1304	19.5653	0.3157
47	19.0214	0.4494	18.1406	19.9022	18.8314	-0.1901
48	18.4841	0.4494	17.6033	19.3649	18.2954	-0.1887
49	18.3356	0.4494	17.4548	19.2164	18.6349	0.2993
50	17.7382	0.4494	16.8574	18.6190	16.9361	-0.8021
51	18.5483	0.4494	17.6675	19.4291	17.7536	-0.7947
52	18.6622	0.4494	17.7814	19.5430	18.8730	0.2108
53	18.8738	0.4494	17.9930	19.7546	19.1797	0.3059
54	19.5229	0.4494	18.6421	20.4037	20.4304	0.9075
55	20.4177	0.4494	19.5369	21.2985	21.0081	0.5904
56	20.9920	0.4494	20.1112	21.8728	21.3359	0.3438
57	21.0287	0.4494	20.1479	21.9095	20.4636	-0.5651
58	20.3992	0.4494	19.5184	21.2800	20.3190	-0.0802

59	19.8958	0.4494	19.0150	20.7766	19.5410	-0.3548
60	19.1854	0.4494	18.3046	20.0662	19.1301	-0.0553
61	19.0600	0.4494	18.1792	19.9408	19.1147	0.0547
62	18.1473	0.4494	17.2664	19.0281	18.0194	-0.1278
63	18.9690	0.4494	18.0882	19.8498	18.6531	-0.3158
64	19.4486	0.4494	18.5678	20.3294	19.6504	0.2019
65	19.8173	0.4494	18.9365	20.6981	19.8628	0.0455
66	20.5319	0.4494	19.6511	21.4127	20.5124	-0.0195
67	21.1774	0.4494	20.2966	22.0582	20.9280	-0.2494
68	21.4833	0.4494	20.6025	22.3641	21.9834	0.5001
69	21.1586	0.4494	20.2778	22.0394	21.2342	0.0756
70	20.7656	0.4494	19.8847	21.6464	20.7070	-0.0585
71	20.3596	0.4494	19.4788	21.2404	20.1080	-0.2516
72	19.7081	0.4494	18.8273	20.5889	19.4820	-0.2260
73	19.6113	0.4494	18.7305	20.4921	18.9760	-0.6353
74	18.6254	0.4494	17.7446	19.5062	18.7989	0.1735
75	19.3099	0.4494	18.4291	20.1907	20.3315	1.0216
76	20.1048	0.4494	19.2240	20.9856	19.7436	-0.3612
77	20.6613	0.4494	19.7805	21.5421	20.7106	0.0493
78	21.3005	0.4494	20.4197	22.1813	21.1137	-0.1868
79	21.6853	0.4494	20.8045	22.5661	22.0000	0.3147
80	22.4375	0.4494	21.5567	23.3183	22.8333	0.3958
81	22.0087	0.4494	21.1278	22.8895	22.3819	0.3733
82	21.5488	0.4494	20.6680	22.4296	21.6993	0.1505
83	21.1971	0.4494	20.3163	22.0779	21.4215	0.2244
84	20.6587	0.4494	19.7779	21.5395	20.4333	-0.2254
85	20.5006	0.4494	19.6198	21.3814	20.7552	0.2546
86	19.7716	0.4494	18.8908	20.6524	19.1507	-0.6209
87	20.5568	0.4494	19.6760	21.4376	20.4477	-0.1091
88	20.8002	0.4494	19.9194	21.6810	20.5127	-0.2875
89	21.1030	0.4494	20.2222	21.9838	22.1425	1.0395
90	21.8679	0.4494	20.9871	22.7487	22.2092	0.3413
91	22.6814	0.4494	21.8006	23.5622	22.6533	-0.0281
92	23.3920	0.4494	22.5112	24.2728	23.2581	-0.1339
93	22.8361	0.4494	21.9553	23.7169	22.6815	-0.1546
94	22.2342	0.4494	21.3534	23.1150	22.3828	0.1486
95	21.8395	0.4494	20.9587	22.7203	22.0084	0.1689
96	21.1133	0.4494	20.2325	21.9941	21.1137	0.0005
97	21.0930	0.4494	20.2122	21.9738	20.8492	-0.2438
98	20.1208	0.4494	19.2400	21.0016	20.4272	0.3064
99	21.1410	0.4494	20.2602	22.0218	20.8552	-0.2858
100	21.4228	0.4494	20.5420	22.3036	21.1523	-0.2705
101	22.1058	0.4494	21.2250	22.9866	22.4909	0.3851
102	22.5048	0.4494	21.6239	23.3856	23.0363	0.5315
103	23.2646	0.4494	22.3838	24.1454	23.4098	0.1452
104	24.0476	0.4494	23.1668	24.9284	23.8074	-0.2403
105	23.4510	0.4494	22.5702	24.3318	23.2671	-0.1839
106	22.8818	0.4494	22.0010	23.7626	23.2781	0.3963

107	22.5099	0.4494	21.6291	23.3907	22.7601	0.2501
108	21.8714	0.4494	20.9906	22.7522	21.3204	-0.5510
109	21.7067	0.4494	20.8258	22.5875	22.0075	0.3008
110	20.8105	0.4494	19.9297	21.6913	20.2783	-0.5322
111	21.6138	0.4494	20.7330	22.4946	21.4590	-0.1548
112	21.9102	0.4494	21.0294	22.7910	21.7780	-0.1322
113	22.5694	0.4494	21.6886	23.4502	22.2895	-0.2799
114	23.0337	0.4494	22.1529	23.9145	23.3322	0.2985
115	23.6339	0.4494	22.7531	24.5147	24.2578	0.6239
116	24.2741	0.4494	23.3933	25.1549	24.2078	-0.0663
117	23.9835	0.4494	23.1027	24.8643	24.4863	0.5028
118	23.6885	0.4494	22.8077	24.5693	24.1545	0.4660
119	23.3356	0.4494	22.4548	24.2164	23.4182	0.0826
120	22.6812	0.4494	21.8004	23.5620	22.4644	-0.2168
121	22.6526	0.4494	21.7718	23.5334	22.5869	-0.0656
122	21.4883	0.4494	20.6075	22.3692	20.8161	-0.6722
123	22.3243	0.4494	21.4434	23.2051	22.3336	0.0094
124	22.4521	0.4494	21.5713	23.3329	22.5364	0.0843
125	23.1345	0.4494	22.2537	24.0153	23.5081	0.3736
126	23.8917	0.4494	23.0109	24.7725	23.8824	-0.0093
127	24.5386	0.4494	23.6578	25.4194	24.5752	0.0366
128	24.9740	0.4494	24.0932	25.8548	24.7320	-0.2420
129	24.6360	0.4494	23.7552	25.5168	25.0821	0.4460
130	24.3103	0.4494	23.4295	25.1911	24.5569	0.2466
131	23.8806	0.4494	22.9998	24.7614	23.9197	0.0390
132	23.0694	0.4494	22.1886	23.9502	23.4891	0.4197
133	23.1828	0.4494	22.3020	24.0636	21.9474	-1.2354
134	21.8265	0.4494	20.9457	22.7073	22.4301	0.6037
135	22.8878	0.4494	22.0070	23.7686	23.2377	0.3499
136	23.0930	0.4494	22.2122	23.9738	23.1713	0.0783
137	24.1931	0.4494	23.3123	25.0739	24.5387	0.3457
138	24.6974	0.4494	23.8166	25.5782	24.9886	0.2912
139	25.3414	0.4494	24.4606	26.2222	25.1555	-0.1859
140	25.9080	0.4494	25.0272	26.7888	26.3258	0.4179
141	25.6277	0.4494	24.7469	26.5085	26.4507	0.8230
142	25.3479	0.4494	24.4671	26.2287	25.2101	-0.1378
143	24.9782	0.4494	24.0974	25.8590	24.4006	-0.5776
144	23.9827	0.4494	23.1019	24.8635	23.5077	-0.4751
145	23.3881	0.4494	22.5073	24.2689	23.2347	-0.1535
146	22.4984	0.4494	21.6176	23.3792	21.7961	-0.7023
147	23.3199	0.4494	22.4391	24.2007	23.9232	0.6033
148	23.4300	0.4494	22.5492	24.3108	23.9610	0.5310
149	24.5275	0.4494	23.6467	25.4083	24.4869	-0.0406
150	25.3128	0.4494	24.4320	26.1936	25.2496	-0.0632
151	25.7907	0.4494	24.9099	26.6716	25.9054	0.1147
152	26.3169	0.4494	25.4361	27.1977	26.6681	0.3512
153	26.4036	0.4494	25.5228	27.2844	25.7721	-0.6316
154	25.6827	0.4494	24.8019	26.5635	25.4924	-0.1903

155	24.9116	0.4494	24.0308	25.7924	25.5045	0.5929
156	24.1018	0.4494	23.2210	24.9826	24.2008	0.0991
157	24.0074	0.4494	23.1265	24.8882	23.8941	-0.1132
158	23.0678	0.4494	22.1870	23.9486	23.0610	-0.0068
159	24.1799	0.4494	23.2991	25.0607	24.9293	0.7494
160	24.5589	0.4494	23.6781	25.4397	24.8300	0.2711
161	25.5957	0.4494	24.7149	26.4765	25.8236	0.2279
162	26.2241	0.4494	25.3433	27.1049	26.1186	-0.1055
163	26.7160	0.4494	25.8352	27.5968	27.0884	0.3724
164	27.3644	0.4494	26.4836	28.2452	27.2846	-0.0798
165	27.0620	0.4494	26.1812	27.9428	27.2881	0.2261
166	26.5080	0.4494	25.6272	27.3889	27.2384	0.7303
167	26.1024	0.4494	25.2216	26.9832	26.0559	-0.0465
168	25.2741	0.4494	24.3933	26.1549	25.4061	0.1320
169	25.0154	0.4494	24.1346	25.8962	24.3873	-0.6281
170	23.8294	0.4494	22.9486	24.7102	24.1270	0.2975
171	25.2243	0.4494	24.3435	26.1051	25.3746	0.1503
172	25.2788	0.4494	24.3980	26.1596	24.9185	-0.3603
173	26.1183	0.4494	25.2375	26.9992	25.6739	-0.4444
174	26.4471	0.4494	25.5662	27.3279	26.3761	-0.0709
175	26.9312	0.4494	26.0504	27.8120	27.5966	0.6653
176	27.6247	0.4494	26.7439	28.5055	27.6263	0.0016
177	27.4808	0.4494	26.6000	28.3616	27.4713	-0.0095
178	27.0792	0.4494	26.1984	27.9600	27.0059	-0.0733
179	26.4003	0.4494	25.5195	27.2811	25.7984	-0.6018
180	25.4902	0.4494	24.6094	26.3710	25.0849	-0.4054
181	24.8867	0.4494	24.0059	25.7675	25.0162	0.1295
182	23.9523	0.4494	23.0715	24.8331	23.2172	-0.7351
183	25.2635	0.4494	24.3827	26.1443	25.4417	0.1782
184	25.1963	0.4494	24.3155	26.0771	25.6398	0.4435
185	26.0641	0.4494	25.1833	26.9449	27.0061	0.9420
186	27.0609	0.4494	26.1801	27.9417	26.8142	-0.2467
187	27.9519	0.4494	27.0711	28.8327	27.9030	-0.0489
188	28.3110	0.4494	27.4301	29.1918	28.5140	0.2031
189	28.1186	0.4494	27.2378	28.9994	28.3208	0.2022
190	27.7927	0.4494	26.9119	28.6735	27.8194	0.0267
191	27.0345	0.4494	26.1537	27.9153	27.0376	0.0030
192	26.0827	0.4494	25.2019	26.9635	26.0722	-0.0105
193	25.7284	0.4494	24.8476	26.6092	25.6500	-0.0785
194	24.6870	0.4494	23.8062	25.5678	24.4651	-0.2219
195	26.1319	0.4494	25.2511	27.0127	26.0812	-0.0507
196	26.0843	0.4494	25.2035	26.9651	25.5163	-0.5680
197	26.9173	0.4494	26.0365	27.7981	27.0649	0.1476
198	27.2577	0.4494	26.3769	28.1385	27.3172	0.0595
199	28.0751	0.4494	27.1943	28.9559	28.4505	0.3754
200	28.6853	0.4494	27.8045	29.5661	29.0513	0.3660
201	28.5805	0.4494	27.6997	29.4613	29.6904	1.1099
202	28.4142	0.4494	27.5334	29.2950	28.6616	0.2474

203	27.9218	0.4494	27.0410	28.8026	27.5331	-0.3888
204	27.0526	0.4494	26.1718	27.9334	27.0588	0.0063
205	26.4984	0.4494	25.6176	27.3792	25.8153	-0.6830
206	25.2691	0.4494	24.3883	26.1499	25.3872	0.1181
207	26.7514	0.4494	25.8706	27.6322	27.1522	0.4008
208	26.5046	0.4494	25.6238	27.3854	26.9054	0.4008
209	27.7873	0.4494	26.9065	28.6681	27.4891	-0.2982
210	28.1576	0.4494	27.2768	29.0384	28.6260	0.4685
211	29.0344	0.4494	28.1536	29.9152	28.9757	-0.0588
212	29.5946	0.4494	28.7138	30.4754	29.5888	-0.0057
213	29.6217	0.4494	28.7409	30.5025	29.9516	0.3300
214	28.9645	0.4494	28.0837	29.8453	28.6363	-0.3282
215	28.0993	0.4494	27.2185	28.9801	27.7597	-0.3396
216	27.2606	0.4494	26.3798	28.1414	27.3615	0.1009
217	26.5023	0.4494	25.6215	27.3831	26.6650	0.1627
218	25.6737	0.4494	24.7929	26.5545	25.1313	-0.5424
219	27.2353	0.4494	26.3545	28.1161	27.5931	0.3579
220	27.0024	0.4494	26.1216	27.8832	27.1162	0.1138
221	28.0439	0.4494	27.1631	28.9247	28.4889	0.4450
222	28.8083	0.4494	27.9275	29.6891	29.1038	0.2955
223	29.6173	0.4494	28.7365	30.4981	29.2156	-0.4017
224	30.1189	0.4494	29.2381	30.9997	30.2524	0.1335
225	30.1797	0.4494	29.2989	31.0605	30.1159	-0.0637
226	29.3315	0.4494	28.4507	30.2123	29.3092	-0.0223
227	28.5372	0.4494	27.6564	29.4180	29.0948	0.5577
228	27.8356	0.4494	26.9548	28.7164	27.6700	-0.1655
229	27.2541	0.4494	26.3732	28.1349	27.0657	-0.1884
230	26.2344	0.4494	25.3536	27.1152	26.3389	0.1046
231	27.8792	0.4494	26.9984	28.7600	28.0517	0.1726
232	27.7502	0.4494	26.8694	28.6310	27.5454	-0.2047
233	28.8299	0.4494	27.9491	29.7107	28.7115	-0.1184
234	29.2263	0.4494	28.3455	30.1071	30.1247	0.8984
235	29.9931	0.4494	29.1123	30.8739	29.1728	-0.8204
236	30.6365	0.4494	29.7557	31.5173	30.8794	0.2429
237	30.6131	0.4494	29.7323	31.4939	30.2610	-0.3520
238	29.6215	0.4494	28.7407	30.5023	29.8684	0.2468
239	29.0949	0.4494	28.2141	29.9757	29.1313	0.0363
240	28.1858	0.4494	27.3050	29.0666	27.8246	-0.3611
241	27.4806	0.4494	26.5998	28.3614	28.2730	0.7924
242	26.6654	0.4494	25.7846	27.5462	26.0931	-0.5723
243	28.3717	0.4494	27.4908	29.2525	27.9258	-0.4459
244	28.0830	0.4494	27.2022	28.9638	27.8596	-0.2233
245	28.8679	0.4494	27.9871	29.7487	29.5549	0.6870
246	29.7607	0.4494	28.8799	30.6415	29.4827	-0.2780
247	30.1710	0.4494	29.2902	31.0518	30.7259	0.5548
248	31.0276	0.4494	30.1468	31.9084	31.3570	0.3294
249	31.0107	0.4494	30.1299	31.8915	30.6796	-0.3310
250	30.4814	0.4494	29.6006	31.3622	30.3300	-0.1514

251	29.6324	0.4494	28.7516	30.5132	29.3437	-0.2888
252	28.4803	0.4494	27.5995	29.3611	28.3500	-0.1303
253	28.1411	0.4494	27.2603	29.0219	28.8266	0.6855
254	26.8929	0.4494	26.0121	27.7737	26.9379	0.0450
255	28.7623	0.4494	27.8815	29.6431	28.2836	-0.4788
256	28.5536	0.4494	27.6727	29.4344	28.7826	0.2291
257	29.6335	0.4494	28.7526	30.5143	29.2770	-0.3565
258	30.1819	0.4494	29.3011	31.0627	30.5303	0.3484
259	30.7871	0.4494	29.9063	31.6679	29.3643	-1.4228
260	31.2160	0.4494	30.3352	32.0968	30.1891	-1.0269
261	30.6684	0.4494	29.7876	31.5492	31.0915	0.4231
262	29.8663	0.4494	28.9855	30.7471	28.9600	-0.9063
263	29.0722	0.4494	28.1914	29.9530	27.4931	-1.5791
264	27.8658	0.4494	26.9850	28.7466	26.8300	-1.0358
265	27.0452	0.4494	26.1644	27.9260	24.4904	-2.5548
266	25.2836	0.4494	24.4028	26.1644	26.5240	1.2403
267	27.0499	0.4494	26.1691	27.9307	26.8306	-0.2194
268	26.9695	0.4494	26.0887	27.8503	26.9364	-0.0331
269	28.5974	0.4494	27.7166	29.4782	27.2380	-1.3594
270	29.0041	0.4494	28.1232	29.8849	28.9446	-0.0595
271	29.1681	0.4494	28.2873	30.0489	30.0643	0.8962
272	30.4389	0.4494	29.5581	31.3197	29.9670	-0.4719
273	30.5520	0.4494	29.6712	31.4328	30.8987	0.3467
274	29.7571	0.4494	28.8763	30.6379	29.7770	0.0199
275	28.7919	0.4494	27.9111	29.6727	28.6695	-0.1224
276	28.1867	0.4494	27.3059	29.0675	28.5039	0.3172
277	27.5270	0.4494	26.6462	28.4078	27.5940	0.0670
278	26.8634	0.4494	25.9826	27.7442	26.3139	-0.5495
279	28.3126	0.4494	27.4318	29.1934	28.9897	0.6771
280	28.2077	0.4494	27.3269	29.0885	28.0988	-0.1089
281	29.1419	0.4494	28.2611	30.0227	28.9689	-0.1730
282	30.1751	0.4494	29.2943	31.0559	29.7632	-0.4119
283	30.2341	0.4494	29.3533	31.1149	30.3266	0.0924
284	30.8259	0.4494	29.9451	31.7067	30.8427	0.0167
285	31.1032	0.4494	30.2224	31.9840	31.3704	0.2671
286	30.1151	0.4494	29.2343	30.9959	30.0962	-0.0189
287	29.1823	0.4494	28.3015	30.0631	29.5435	0.3613
288	28.5435	0.4494	27.6627	29.4243	29.3871	0.8436
289	28.0304	0.4494	27.1496	28.9112	28.2701	0.2398
290	27.4483	0.4494	26.5675	28.3291	26.8418	-0.6065
291	29.0568	0.4494	28.1760	29.9376	29.5523	0.4955
292	28.7106	0.4494	27.8298	29.5914	28.3822	-0.3283
293	29.5663	0.4494	28.6855	30.4471	29.4396	-0.1267
294	30.4580	0.4494	29.5772	31.3388	30.1393	-0.3187
295	30.5277	0.4494	29.6469	31.4085	30.4711	-0.0566
296	31.0792	0.4494	30.1984	31.9600	31.6217	0.5425
297	31.4718	0.4494	30.5910	32.3526	30.9378	-0.5339
298	30.3411	0.4494	29.4603	31.2219	30.2612	-0.0799

299	29.4517	0.4494	28.5709	30.3325	29.9963	0.5446
300	28.8121	0.4494	27.9313	29.6929	28.5675	-0.2446
301	28.1661	0.4494	27.2853	29.0469	28.3219	0.1558
302	27.2747	0.4494	26.3939	28.1555	26.7305	-0.5442
303	28.9250	0.4494	28.0442	29.8058	29.7057	0.7807
304	28.7046	0.4494	27.8238	29.5854	28.7743	0.0697
305	29.6762	0.4494	28.7954	30.5570	30.2810	0.6048
306	30.7064	0.4494	29.8256	31.5872	29.3912	-1.3153
307	30.8652	0.4494	29.9844	31.7460	30.8180	-0.0472
308	31.4005	0.4494	30.5197	32.2813	31.1504	-0.2501
309	31.2949	0.4494	30.4141	32.1758	30.3804	-0.9145
310	30.2207	0.4494	29.3399	31.1015	30.6420	0.4212
311	29.3384	0.4494	28.4576	30.2193	29.2493	-0.0892
312	28.4728	0.4494	27.5920	29.3536	27.7822	-0.6906
313	27.9687	0.4494	27.0879	28.8495	29.1548	1.1861
314	26.8840	0.4494	26.0032	27.7648	26.4169	-0.4672
315	29.1297	0.4494	28.2489	30.0105	28.6451	-0.4846
316	28.7665	0.4494	27.8857	29.6473	28.6864	-0.0801
317	29.4332	0.4494	28.5523	30.3140	29.7780	0.3449
318	30.0800	0.4494	29.1992	30.9609	30.4486	0.3686
319	30.9525	0.4494	30.0717	31.8333	31.2933	0.3408
320	31.5331	0.4494	30.6523	32.4139	31.5059	-0.0272
321	31.5378	0.4494	30.6570	32.4186	30.9866	-0.5512
322	30.7808	0.4494	29.9000	31.6616	30.4761	-0.3048
323	29.7031	0.4494	28.8223	30.5839	29.5701	-0.1330
324	28.6432	0.4494	27.7624	29.5240	28.5711	-0.0721
325	28.3829	0.4494	27.5021	29.2637	28.7955	0.4126
326	26.9660	0.4494	26.0852	27.8468	27.4789	0.5129
327	29.2633	0.4494	28.3825	30.1441	28.8383	-0.4250
328	28.9446	0.4494	28.0638	29.8254	28.8853	-0.0593
329	29.9304	0.4494	29.0496	30.8112	30.0088	0.0784
330	30.3838	0.4494	29.5030	31.2646	30.3087	-0.0750
331	31.1341	0.4494	30.2533	32.0149	31.3619	0.2278
332	31.6388	0.4494	30.7580	32.5196	31.8635	0.2246
333	31.4243	0.4494	30.5435	32.3051	31.8998	0.4755
334	30.9708	0.4494	30.0900	31.8517	31.1524	0.1815
335	30.1437	0.4494	29.2629	31.0245	30.0265	-0.1172
336	29.1909	0.4494	28.3101	30.0717	28.9142	-0.2767
337	28.9596	0.4494	28.0788	29.8404	28.9544	-0.0051
338	27.4491	0.4494	26.5683	28.3299	27.0322	-0.4169
339	29.3159	0.4494	28.4351	30.1967	29.0298	-0.2861
340	28.8483	0.4494	27.9675	29.7291	28.9741	0.1259
341	29.8187	0.4494	28.9379	30.6995	30.0556	0.2369
342	30.3810	0.4494	29.5002	31.2618	30.2395	-0.1414
343	31.1811	0.4494	30.3003	32.0619	31.7292	0.5480
344	31.7632	0.4494	30.8824	32.6440	31.7358	-0.0274
345	31.7063	0.4494	30.8255	32.5871	31.0717	-0.6346
346	31.0153	0.4494	30.1345	31.8961	30.6648	-0.3505

347	29.8110	0.4494	28.9302	30.6918	29.7904	-0.0206
348	28.7261	0.4494	27.8453	29.6069	29.0758	0.3497
349	28.7681	0.4494	27.8873	29.6489	28.6536	-0.1145
350	27.2118	0.4494	26.3310	28.0926	26.9831	-0.2287
351	29.1570	0.4494	28.2761	30.0378	28.9833	-0.1737
352	28.8535	0.4494	27.9727	29.7343	29.0486	0.1951
353	29.9732	0.4494	29.0924	30.8540	30.3341	0.3609
354	30.4930	0.4494	29.6122	31.3738	30.7958	0.3028
355	31.5022	0.4494	30.6214	32.3831	31.7717	0.2694
356	32.0244	0.4494	31.1436	32.9052	32.0780	0.0537
357	31.8136	0.4494	30.9328	32.6944	31.5515	-0.2620
358	31.1621	0.4494	30.2813	32.0429	31.3182	0.1561
359	30.1731	0.4494	29.2923	31.0539	30.3985	0.2254
360	29.2426	0.4494	28.3618	30.1234	29.7301	0.4875
361	29.1982	0.4494	28.3174	30.0790	.	.
362	27.6487	0.4564	26.7541	28.5433	.	.
363	29.6200	0.4795	28.6801	30.5599	.	.
364	29.3881	0.5125	28.3837	30.3925	.	.
365	30.4836	0.5258	29.4531	31.5141	.	.
366	30.8602	0.5431	29.7958	31.9246	.	.
367	31.7060	0.5592	30.6100	32.8019	.	.
368	32.0812	0.5635	30.9768	33.1857	.	.
369	31.7351	0.5682	30.6215	32.8488	.	.
370	31.1782	0.5716	30.0579	32.2986	.	.
371	30.2403	0.5739	29.1155	31.3650	.	.
372	29.3554	0.5760	28.2264	30.4844	.	.

