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Enunciat

Analitzar els 7 fitxers entregats amb Rockwell Arena.

Implementació

Per poder utilitzar l'output analyzer he hagut de realitzar un petit programa que a partir d'un llistat de números aleatoris crei un fitxer amb 2 columnes, la primera es la suma acumulativa dels valors aleatoris anteriors i la segona son els valors aleatoris. S'ha utilitzat el llenguatge C# i el compilador Mono sota un sistema GNU/Linux.

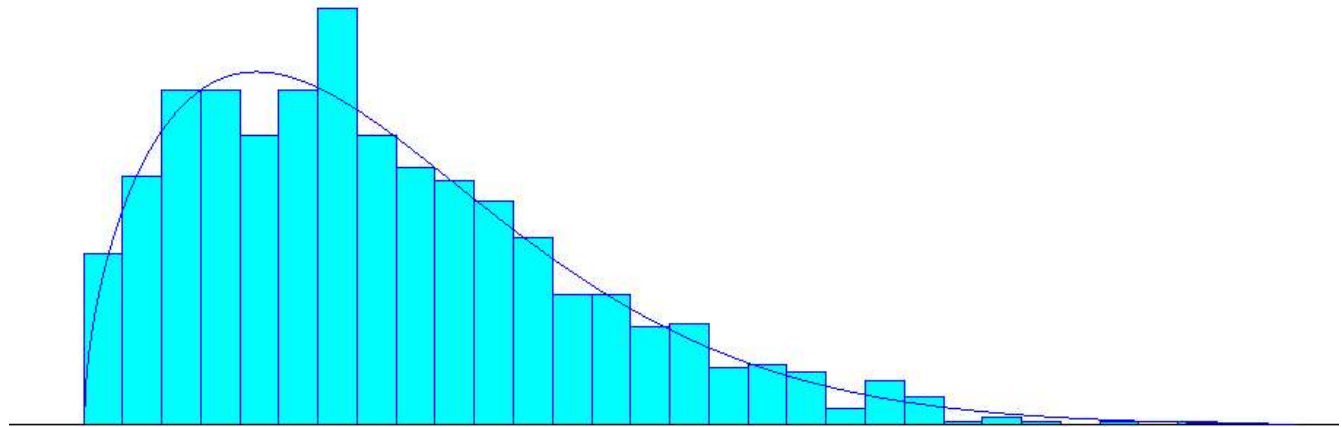
```
using System;
using System.IO;
class MainClass
{
    public static void Main(string[] args)
    {
        if (args.Length < 1) {
            Console.WriteLine("ERROR: Cal especificar fitxer a transformar");
            return;
        }

        // Cultura EEUU, així imprimim decimals amb punt i ho pot entendre gnu-plot
        // Executar a la shell:
        // export LANG=en_US
        Thread.CurrentThread.CurrentCulture = new CultureInfo( "en-US", false );

        StreamReader input = File.OpenText(args[0]);
        FileStream outputFile = new FileStream("Transformed_" + args[0], FileMode.OpenOrCreate,
        FileAccess.Write);
        StreamWriter output = new StreamWriter(outputFile);

        string line = input.ReadLine();
        double total = 0;
        while (line != null) {
            double n = Convert.ToDouble(line);
            output.WriteLine(total + " " + n);
            total += n;
            line = input.ReadLine();
        }
    }
}
```

Fitxer 1

Input analyzer:

Distribution Summary

Distribution: Weibull
 Expression: $2 + \text{WEIB}(1.96, 1.54)$
 Square Error: 0.000967

Chi Square Test

Number of intervals = 21
 Degrees of freedom = 18
 Test Statistic = 16.4
 Corresponding p-value = 0.565

Kolmogorov-Smirnov Test

Test Statistic = 0.0175
 Corresponding p-value > 0.15

Data Summary

Number of Data Points = 1000
 Min Data Value = 2.02
 Max Data Value = 8.52
 Sample Mean = 3.73
 Sample Std Dev = 1.13

Histogram Summary

Histogram Range = 2 to 9
 Number of Intervals = 31

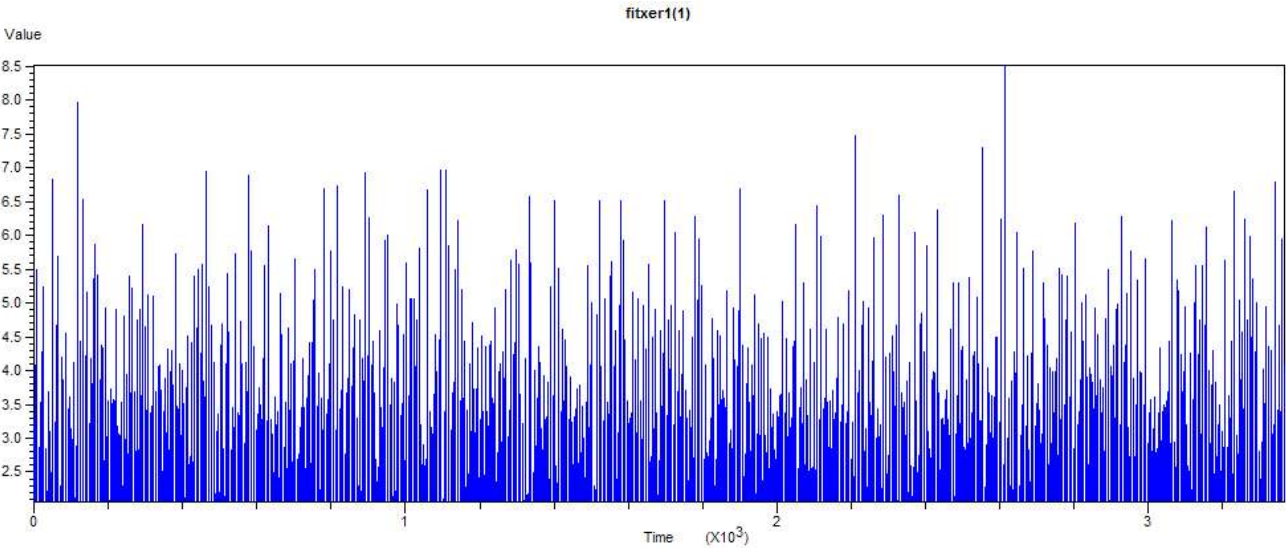
Fit All Summary

Function	Sq Error

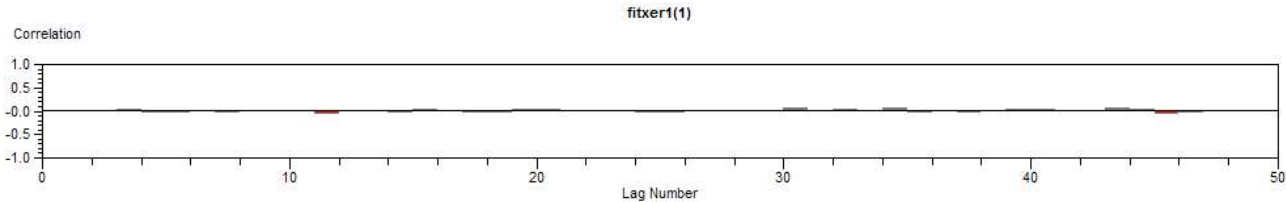
Weibull	0.000967
Beta	0.00101
Erlang	0.00178
Normal	0.00487
Lognormal	0.00624
Exponential	0.0137
Triangular	0.0174
Uniform	0.0306
Gamma	0.182

Output analyzer:

– Barchart



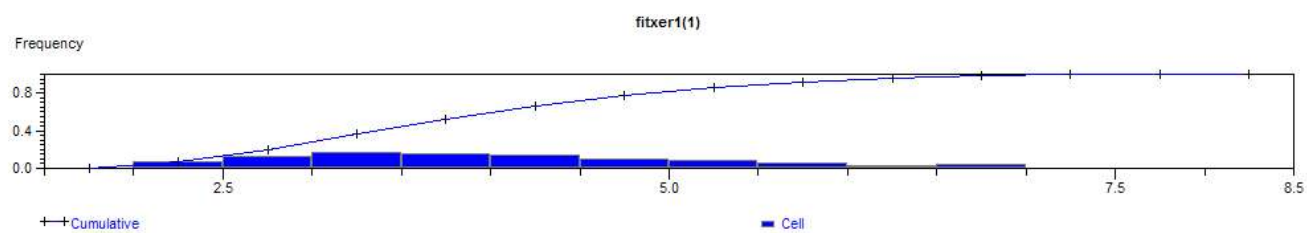
– Correlation



Correlogram Summary		
fitxer1(1)		
Sample Mean :		
Sample Variance :		
Sample Size :		
Weighted Sum of Cov. :		
Correlation/Covariance Values		
Lag	Covariance	Correlation
1	-0.017361	-0.013531
2	0.0049538	0.0038608
3	-0.022683	-0.017679
4	0.04897	0.038166
5	-0.067241	-0.052405
6	-0.044291	-0.034519
7	0.00068381	0.00053294
8	-0.051202	-0.039905
9	0.0032988	0.002571
10	-0.017333	-0.013509
11	0.014949	0.011651
12	-0.088596	-0.069049
13	-0.026086	-0.020331
14	-0.025327	-0.019739
15	-0.039425	-0.030727
16	0.045375	0.035364
17	-0.022881	-0.017832
18	-0.052637	-0.041024
19	-0.041086	-0.032021
20	0.037438	0.029178
21	0.039192	0.030545
22	0.01853	0.014442

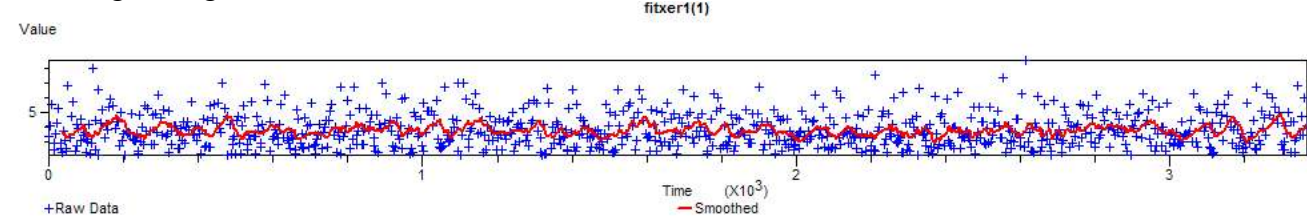
23	-0.020204	-0.015747
24	-0.00028178	-0.00021961
25	-0.070473	-0.054925
26	-0.040373	-0.031465
27	-0.0036694	-0.0028598
28	0.029714	0.023158
29	-0.027297	-0.021274
30	0.00034329	0.00026755
31	0.089612	0.069841
32	0.0081374	0.0063421
33	0.0367	0.028603
34	-0.015851	-0.012354
35	0.08028	0.062568
36	-0.059759	-0.046574
37	0.021401	0.01668
38	-0.06572	-0.05122
39	-0.004506	-0.0035119
40	0.036179	0.028197
41	0.04944	0.038532
42	0.014719	0.011471
43	-0.01586	-0.012361
44	0.077418	0.060338
45	0.064002	0.049881
46	-0.084385	-0.065767
47	-0.063061	-0.049148
48	0.0084016	0.006548
49	0.00029115	0.00022691
50	0.0079698	0.0062115

- Histogram



Histogram Summary fitxer1(1)						
Cell Limits		Abs. Freq. (Time)		Rel. Freq.		
Cell	From	To	Cell	Cumul.	Cell	Cumul.
1	-Infinity	2	0	0	0	0
2	2	2.5	251.9	251.9	0.07482	0.07482
3	2.5	3	421.9	673.8	0.1253	0.2002
4	3	3.5	572.3	1246	0.17	0.3702
5	3.5	4	525.1	1771	0.156	0.5262
6	4	4.5	480	2251	0.1426	0.6688
7	4.5	5	345.2	2596	0.1026	0.7713
8	5	5.5	287.4	2884	0.08538	0.8567
9	5.5	6	211.8	3096	0.06291	0.9196
10	6	6.5	111.8	3207	0.0332	0.9528
11	6.5	7	127.5	3335	0.03788	0.9907
12	7	7.5	14.78	3350	0.004391	0.9951
13	7.5	8	7.973	3358	0.002368	0.9975
14	8	+Infinity	8.516	3366	0.00253	1

- Moving average

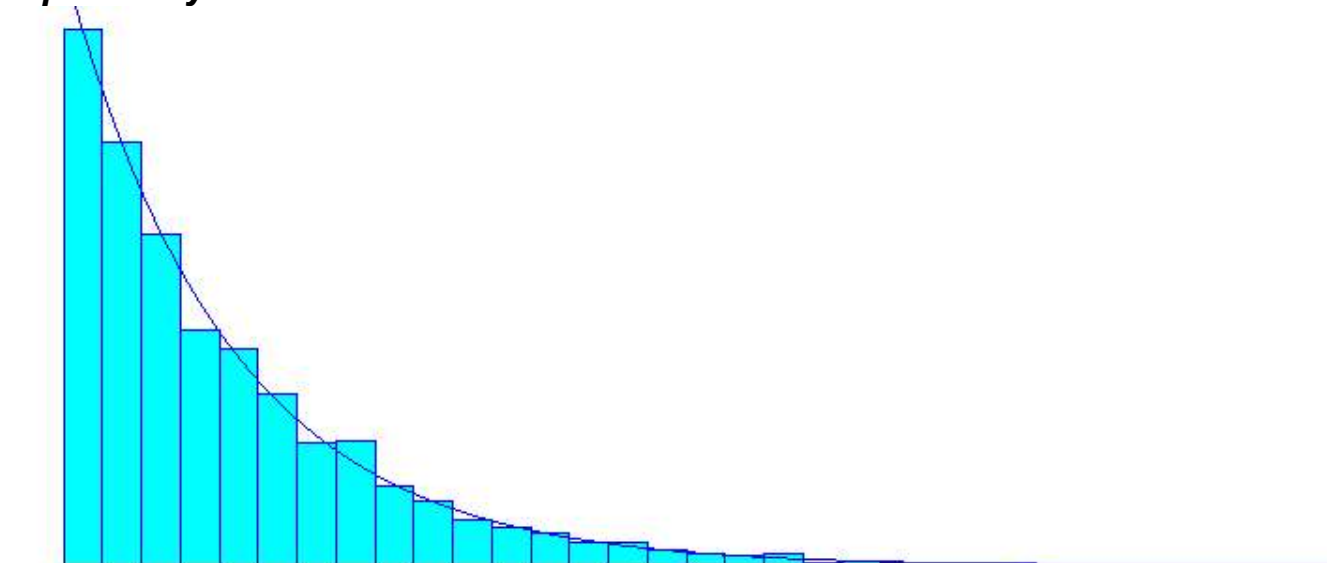


Display Forecasted Values Not Selected

TOTAL	ABS.DEVIATION	844.8
MEAN	ABS.DEVIATION	0.9481
MEAN	BIAS	-0.004827

Fitxer 2

Input analyzer:



Distribution Summary

Distribution: Exponential
 Expression: EXP0(5.95)
 Square Error: 0.000249

Chi Square Test

Number of intervals = 23
 Degrees of freedom = 21
 Test Statistic = 30.4
 Corresponding p-value = 0.0873

Kolmogorov-Smirnov Test

Test Statistic = 0.0126
 Corresponding p-value > 0.15

Data Summary

Number of Data Points = 5000
 Min Data Value = 0.000477
 Max Data Value = 55.3
 Sample Mean = 5.95
 Sample Std Dev = 5.88

Histogram Summary

Histogram Range = 0 to 56
 Number of Intervals = 40

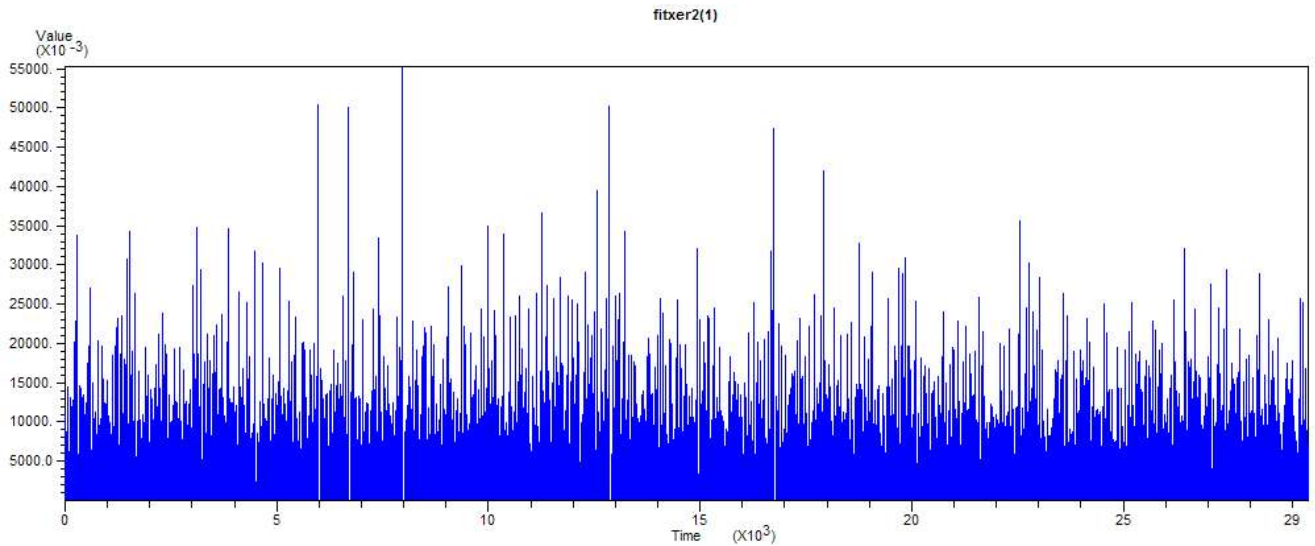
Fit All Summary

Function	Sq Error
Erlang	0.000249

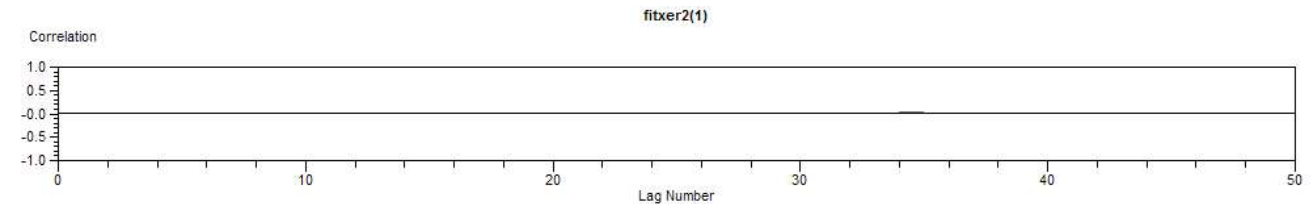
Exponential	0.000249
Weibulll	0.000307
Gamma	0.000354
Beta	0.00138
Lognormal	0.00411
Normal	0.0349
Triangular	0.0648
Uniform	0.0918

Output analyzer:

- Barchart



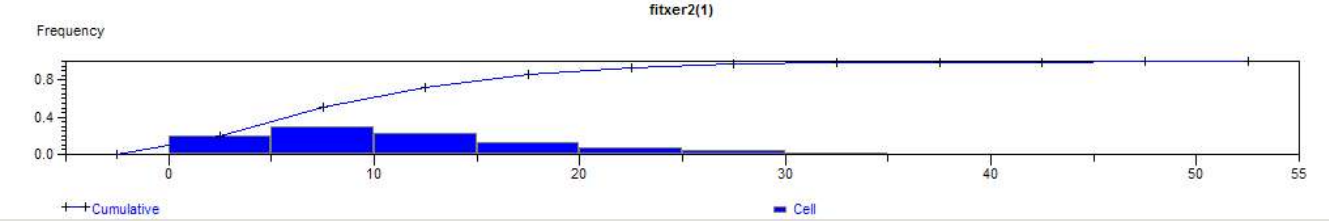
- Correlation



Correlogram Summary fitxer2(1)		
Sample Mean :	5.96	
Sample Variance :	34.78	
Sample Size :	4929	
Weighted Sum of Cov. :	-11.06	
Correlation/Covariance Values		
Lag	Covariance	Correlation
1	-0.54013	-0.015528
2	0.10221	0.0029385
3	0.48367	0.013905
4	-0.42056	-0.012091
5	-0.41262	-0.011863
6	0.65001	0.018687
7	0.97789	0.028114
8	0.2359	0.0067821
9	-0.23115	-0.0066455
10	0.43293	0.012447
11	-0.65714	-0.018892
12	-0.085809	-0.002467
13	-0.4202	-0.01208

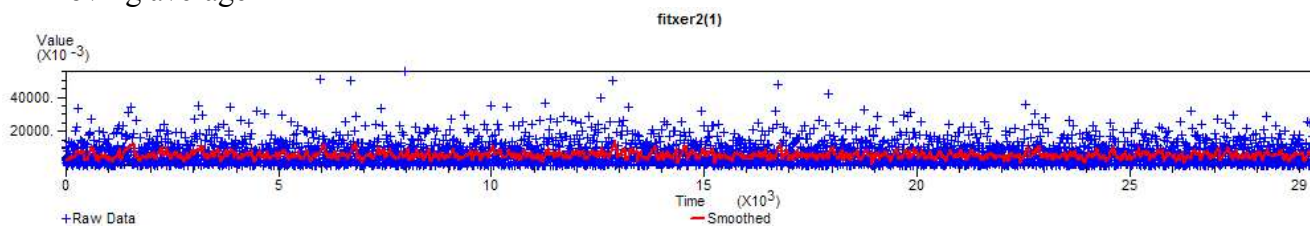
14	-0.60803	-0.017481
15	0.3451	0.0099214
16	0.3454	0.0099301
17	-0.73132	-0.021025
18	-0.92558	-0.02661
19	0.30433	0.0087494
20	-0.34187	-0.0098285
21	-0.18019	-0.0051804
22	-0.10387	-0.0029862
23	0.12978	0.0037312
24	0.26108	0.0075059
25	-0.77287	-0.02222
26	-0.74121	-0.021309
27	-0.37845	-0.01088
28	-0.40197	-0.011557
29	0.018505	0.000532
30	-0.027857	-0.00080087
31	0.31475	0.0090488
32	-0.65139	-0.018727
33	-0.41723	-0.011995
34	-0.31882	-0.0091658
35	1.441	0.041429
36	0.54355	0.015627
37	0.2269	0.0065234
38	-0.50216	-0.014437
39	0.62963	0.018101
40	-0.20831	-0.0059889
41	0.091347	0.0026262
42	-0.73773	-0.021209
43	-0.53472	-0.015373
44	-0.42005	-0.012076
45	-0.33161	-0.0095337
46	-0.73034	-0.020997
47	0.74987	0.021558
48	-0.28028	-0.0080578
49	-0.017589	-0.00050568
50	-0.71919	-0.020676

– Histogram



Histogram Summary fitxer2(1)						
Cell	Cell Limits		Abs. Freq. (Time)		Rel. Freq.	
	From	To	Cell	Cumul.	Cell	Cumul.
1	-Infinity	0	0	0	0	0
2	0	5	5836	5836	0.1987	0.1987
3	5	10	8871	1.471e+004	0.302	0.5007
4	10	15	6528	2.123e+004	0.2222	0.723
5	15	20	3913	2.515e+004	0.1332	0.8562
6	20	25	2079	2.723e+004	0.0708	0.927
7	25	30	1181	2.841e+004	0.04021	0.9672
8	30	35	521.1	2.893e+004	0.01774	0.985
9	35	40	146.8	2.908e+004	0.004999	0.99
10	40	45	41.99	2.912e+004	0.00143	0.9914
11	45	50	47.32	2.917e+004	0.001611	0.993
12	50	+Infinity	205.8	2.937e+004	0.007007	1

– Moving average

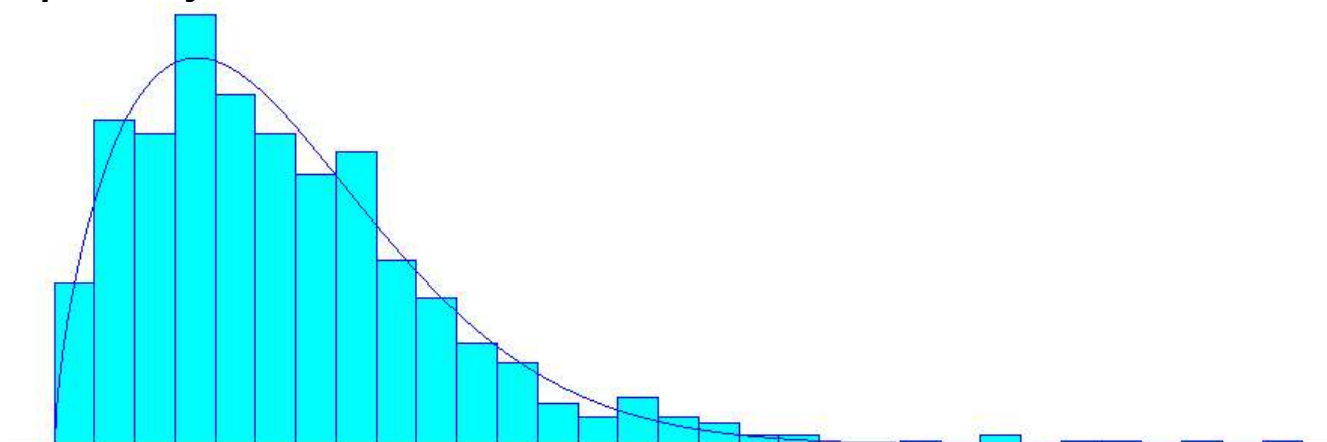


Display Forecasted Values Not Selected

TOTAL	ABS.DEVIATION	2.257e+004
MEAN	ABS.DEVIATION	4.587
MEAN	BIAS	-0.0002492

Fitxer 3

Input analyzer:



Distribution Summary

Distribution: Weibull
 Expression: WEIB(12.6, 1.63)
 Square Error: 0.001117

Chi Square Test

Number of intervals = 16
 Degrees of freedom = 13
 Test Statistic = 31.5
 Corresponding p-value < 0.005

Kolmogorov-Smirnov Test

Test Statistic = 0.0213
 Corresponding p-value > 0.15

Data Summary

Number of Data Points = 1000
 Min Data Value = 0.214
 Max Data Value = 61.3
 Sample Mean = 11.6
 Sample Std Dev = 8.02

Histogram Summary

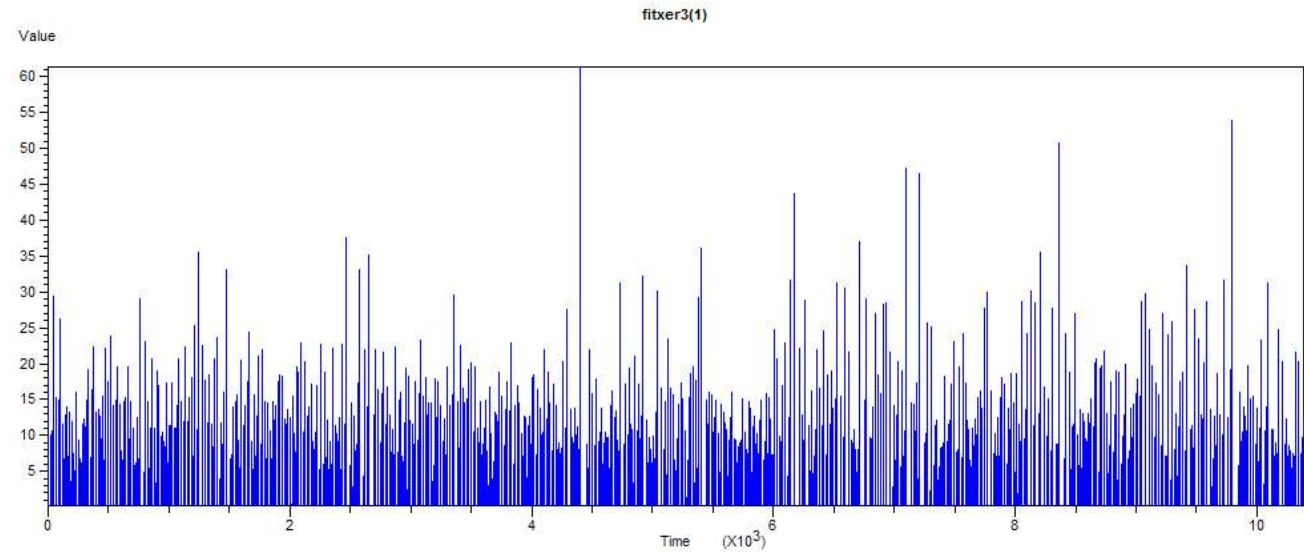
Histogram Range = 0 to 62
 Number of Intervals = 31

Fit All Summary	
Function	Sq Error

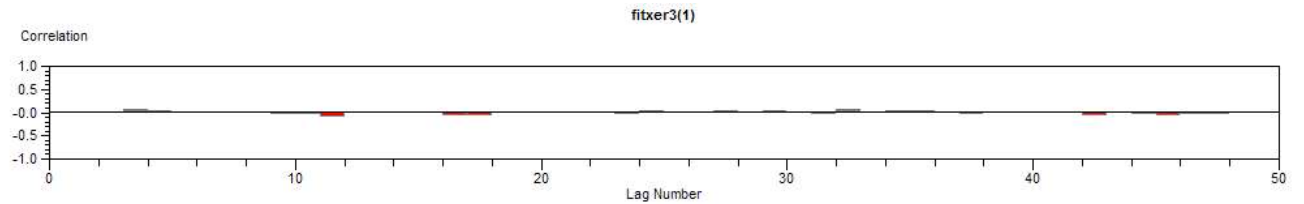
Weibull	0.00112
Beta	0.00148
Gamma	0.00157
Erlang	0.00163
Lognormal	0.00623
Normal	0.00747
Exponential	0.0198
Triangular	0.0303
Uniform	0.0538

Output analyzer:

– Barchart



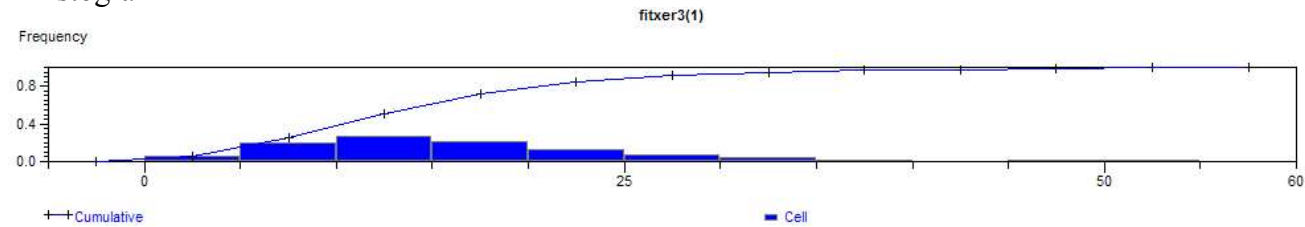
– Correlation



Correlogram Summary		
fitxer3(1)		
Sample Mean :	11.48	
Sample Variance :	60.68	
Sample Size :	906	
Weighted Sum of Cov. :	-42.79	
Correlation/Covariance Values		
Lag	Covariance	Correlation
1	1.4263	0.023503
2	0.47536	0.0078333
3	-1.5576	-0.025667
4	4.6449	0.076542

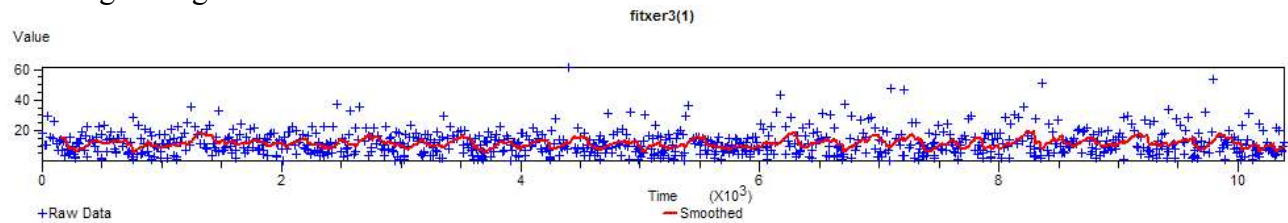
5	3.3055	0.05447
6	0.50824	0.0083752
7	-0.94677	-0.015602
8	-0.69439	-0.011443
9	1.4437	0.02379
10	-2.7777	-0.045773
11	-2.152	-0.035462
12	-5.5707	-0.091798
13	-1.1662	-0.019218
14	0.82454	0.013587
15	0.79383	0.013081
16	-0.31098	-0.0051246
17	-3.7559	-0.061892
18	-4.0093	-0.066069
19	-0.60773	-0.010015
20	-1.6167	-0.026641
21	-1.138	-0.018752
22	0.029829	0.00049155
23	0.81039	0.013354
24	-3.0373	-0.050051
25	2.5175	0.041485
26	-0.91741	-0.015118
27	1.242	0.020466
28	2.311	0.038082
29	1.2011	0.019793
30	2.0639	0.034011
31	-0.84842	-0.013981
32	-2.7554	-0.045406
33	4.244	0.069936
34	0.72464	0.011941
35	2.0924	0.03448
36	1.9188	0.031619
37	-0.4549	-0.0074962
38	-2.8186	-0.046446
39	0.30997	0.0051079
40	-0.7587	-0.012502
41	-0.61818	-0.010187
42	-1.5677	-0.025833
43	-3.5481	-0.058468
44	-0.62058	-0.010226
45	-1.7422	-0.02871
46	-4.7423	-0.078147
47	-2.1933	-0.036142
48	-2.2658	-0.037338
49	1.3554	0.022335
50	-1.367	-0.022527

– Histogram



Histogram Summary fitxer3(1)						
Cell Limits			Abs. Freq. (Time)		Rel. Freq.	
Cell	From	To	Cell	Cumul.	Cell	Cumul.
1	-Infinity	0	0	0	0	0
2	0	5	528.2	528.2	0.05086	0.05086
3	5	10	2046	2574	0.197	0.2478
4	10	15	2713	5287	0.2613	0.5091
5	15	20	2207	7494	0.2125	0.7215
6	20	25	1266	8760	0.1219	0.8435
7	25	30	725.1	9485	0.06982	0.9133
8	30	35	380.2	9865	0.03661	0.9499
9	35	40	217	1.008e+004	0.02089	0.9708
10	40	45	43.67	1.013e+004	0.004205	0.975
11	45	50	93.81	1.022e+004	0.009032	0.984
12	50	55	104.7	1.032e+004	0.01008	0.9941
13	55	+Infinity	61.34	1.039e+004	0.005906	1

- Moving average

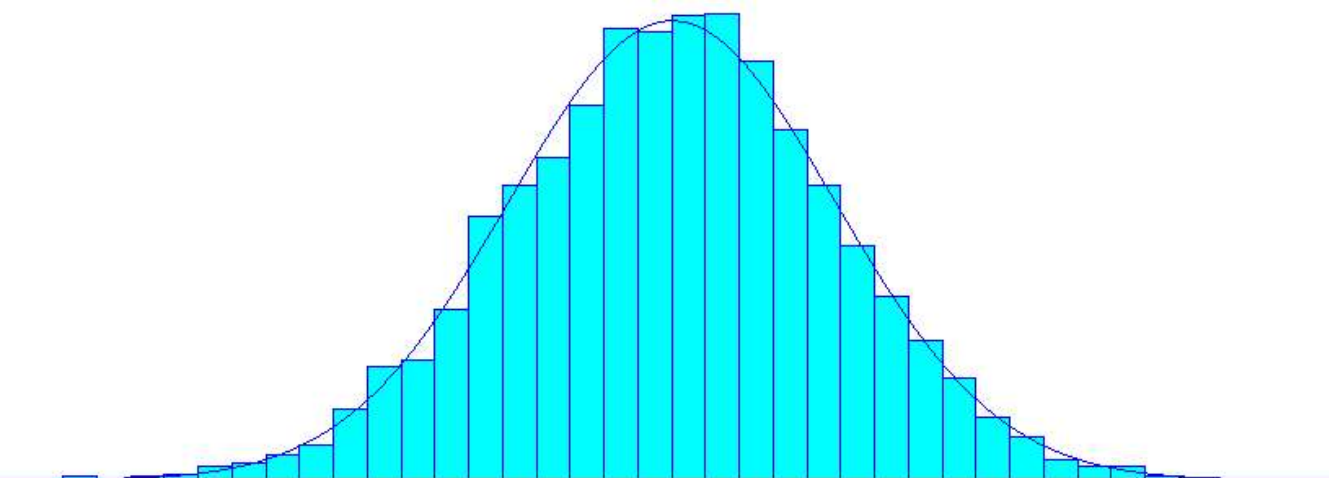


Display Forecasted Values Not Selected

TOTAL	ABS.DEVIATION	5521
MEAN	ABS.DEVIATION	6.155
MEAN	BIAS	0.0253

Fitxer 4

Input analyzer:



Distribution Summary

Distribution: Normal
Expression: NORM(5, 5.07)
Square Error: 0.000154

Chi Square Test

Number of intervals = 28
Degrees of freedom = 25
Test Statistic = 22.2
Corresponding p-value = 0.62

Kolmogorov-Smirnov Test

Test Statistic = 0.00966
Corresponding p-value > 0.15

Data Summary

Number of Data Points = 5000
Min Data Value = -15.8
Max Data Value = 25.8
Sample Mean = 5
Sample Std Dev = 5.07

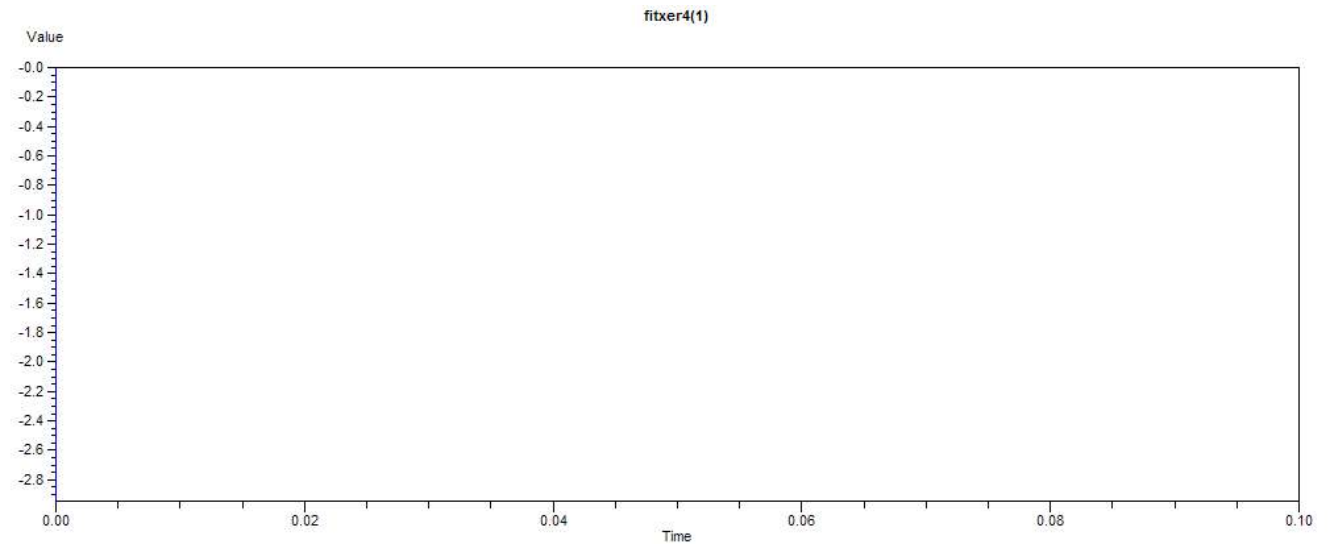
Histogram Summary	
Histogram Range	= -16 to 26
Number of Intervals	= 40

Fit All Summary	
Function	Sq Error

Normal	0.000154
Beta	0.000325
Weibull	0.000459
Gamma	0.00138
Erlang	0.00138
Lognormal	0.00278
Triangular	0.0113
Uniform	0.0338
Exponential	0.0454

Output analyzer:

– Barchart



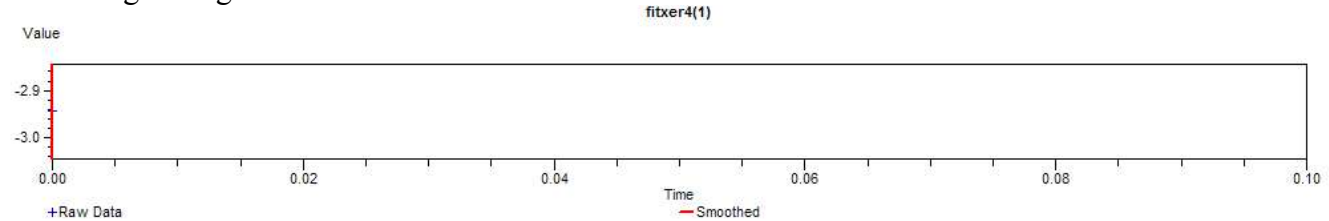
– Correlation

Impossible generar.

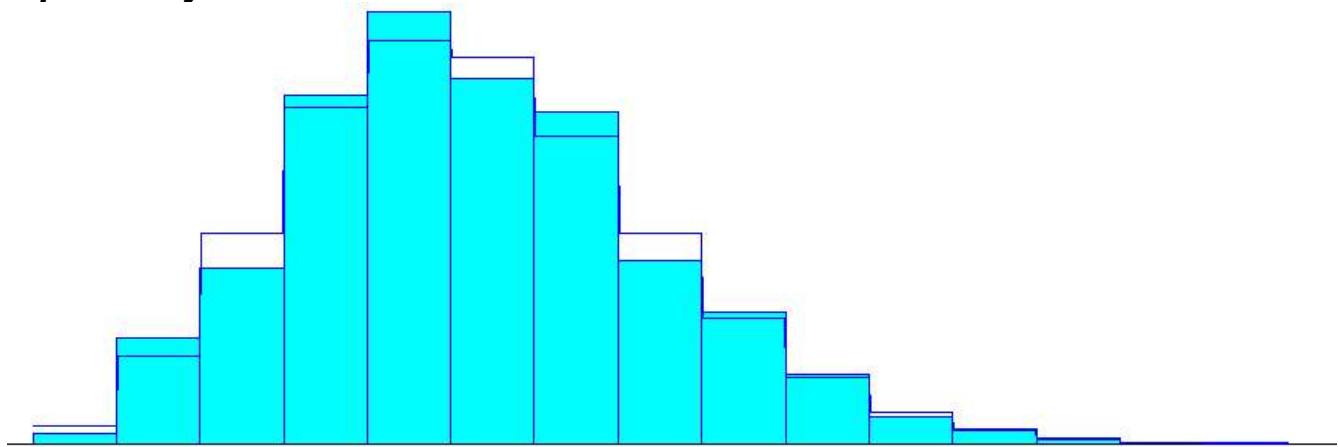
– Histogram

Impossible generar.

– Moving average



Fitxer 5

Input analyzer:

Distribution Summary

Distribution: Poisson
 Expression: POIS(4.79)
 Square Error: 0.000883

Chi Square Test

Number of intervals = 11
 Degrees of freedom = 9
 Test Statistic = 7.49
 Corresponding p-value = 0.587

Data Summary

Number of Data Points = 1000
 Min Data Value = 0
 Max Data Value = 14
 Sample Mean = 4.79
 Sample Std Dev = 2.18

Histogram Summary

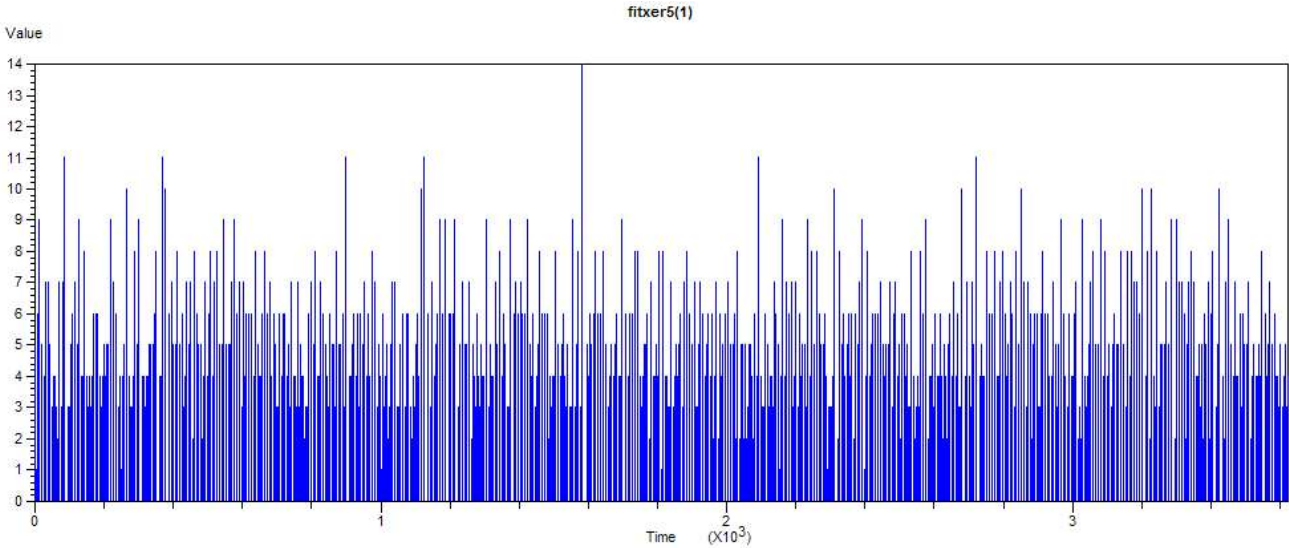
Histogram Range = -0.5 to 14.5
 Number of Intervals = 15

Fit All Summary

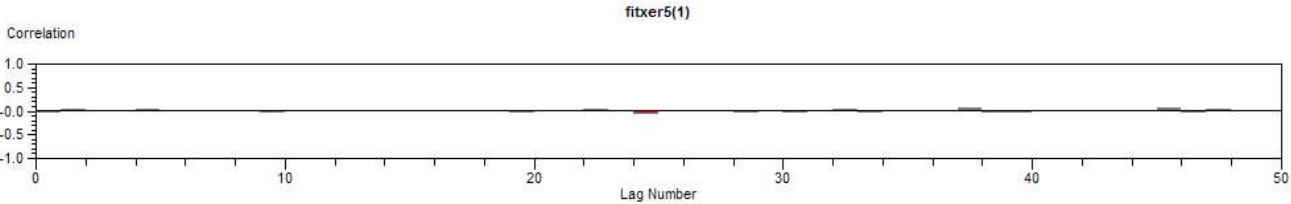
Function	Sq Error
Poisson	0.000883
Weibull	0.00142
Beta	0.00169
Gamma	0.00221
Erlang	0.00259
Normal	0.00262
Lognormal	0.00652
Triangular	0.018
Uniform	0.0665
Exponential	0.0764

Output analyzer:

Barchart



Correlation



Correlogram Summary
fitxer5(1)

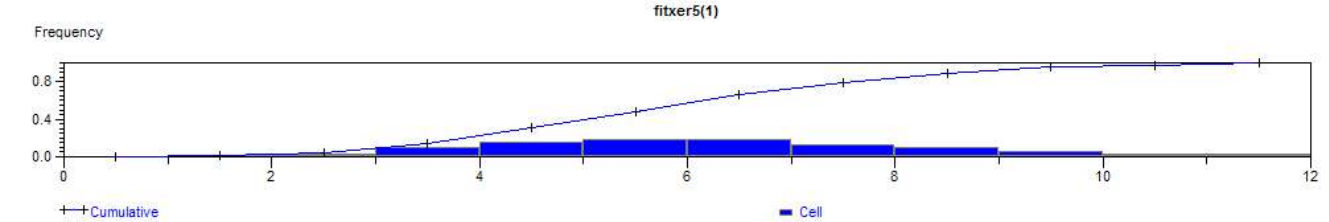
Sample Mean :	4.766
Sample Variance :	4.652
Sample Size :	761
Weighted Sum of Cov. :	-0.9481

Correlation/Covariance Values

Lag	Covariance	Correlation
1	-0.14777	-0.031764
2	0.17069	0.036689
3	0.050729	0.010904
4	0.037908	0.0081484
5	0.1462	0.031426
6	-0.12859	-0.027641
7	-0.039922	-0.0085811
8	-0.015026	-0.0032299
9	0.064053	0.013768
10	-0.17294	-0.037174
11	-0.016641	-0.0035769
12	0.090256	0.019401
13	-0.069823	-0.015009
14	0.050998	0.010962
15	0.04922	0.01058
16	0.012577	0.0027035
17	-0.084343	-0.018129
18	0.097932	0.02105
19	0.068644	0.014755
20	-0.17514	-0.037647
21	0.12632	0.027152
22	-0.075197	-0.016163

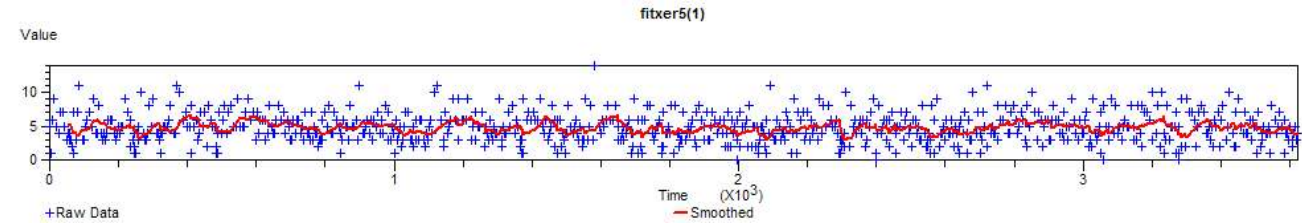
23	0.19968	0.042921
24	-0.091109	-0.019584
25	-0.3451	-0.07418
26	-0.12117	-0.026045
27	0.037453	0.0080505
28	-0.12456	-0.026773
29	-0.13746	-0.029547
30	0.074338	0.015979
31	-0.16064	-0.03453
32	0.022247	0.004782
33	0.18341	0.039424
34	-0.22897	-0.049216
35	0.12112	0.026034
36	-0.06161	-0.013243
37	-0.017926	-0.0038532
38	0.29606	0.063638
39	-0.21224	-0.045622
40	-0.25367	-0.054525
41	-0.066135	-0.014216
42	-0.091566	-0.019682
43	-0.10618	-0.022823
44	0.067515	0.014512
45	0.059336	0.012754
46	0.28668	0.061622
47	-0.15623	-0.033581
48	0.22763	0.048928
49	0.037101	0.0079748
50	0.033394	0.0071781

- Histogram



Histogram Summary fitxer5(1)						
Cell Limits			Abs. Freq. (Time)		Rel. Freq.	
Cell	From	To	Cell	Cumul.	Cell	Cumul.
1	-Infinity	1	0	0	0	0
2	1	2	39	39	0.01076	0.01076
3	2	3	122	161	0.03367	0.04444
4	3	4	357	518	0.09854	0.143
5	4	5	580	1098	0.1601	0.3031
6	5	6	645	1743	0.178	0.4811
7	6	7	672	2415	0.1855	0.6666
8	7	8	462	2877	0.1275	0.7941
9	8	9	360	3237	0.09937	0.8935
10	9	10	216	3453	0.05962	0.9531
11	10	11	90	3543	0.02484	0.9779
12	11	+Infinity	80	3623	0.02208	1

- Moving average

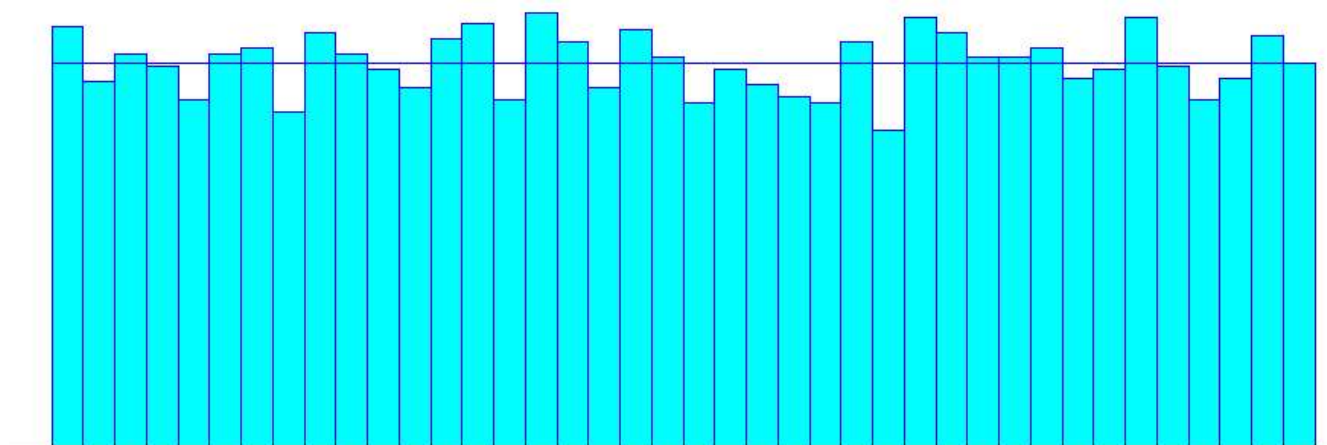


Display Forecasted Values Not Selected

TOTAL	ABS.DEVIATION	1342
MEAN	ABS.DEVIATION	1.785
MEAN	BIAS	0.01144

Fitxer 6

Input analyzer:



Distribution Summary

Distribution: Uniform
 Expression: UNIF(0.999, 10)
 Square Error: 0.000143

Chi Square Test

Number of intervals = 40
 Degrees of freedom = 39
 Test Statistic = 28.6
 Corresponding p-value > 0.75

Kolmogorov-Smirnov Test

Test Statistic = 0.00691
 Corresponding p-value > 0.15

Data Summary

Number of Data Points = 5000
 Min Data Value = 1
 Max Data Value = 10
 Sample Mean = 5.5
 Sample Std Dev = 2.6

Histogram Summary

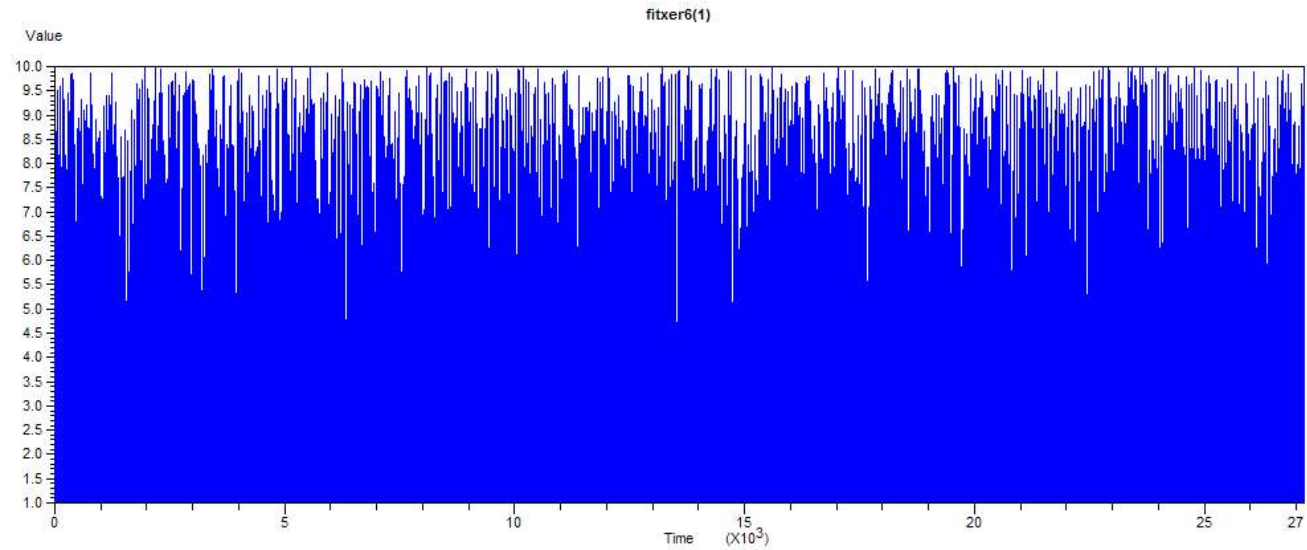
Histogram Range = 0.999 to 10
 Number of Intervals = 40

Fit All Summary

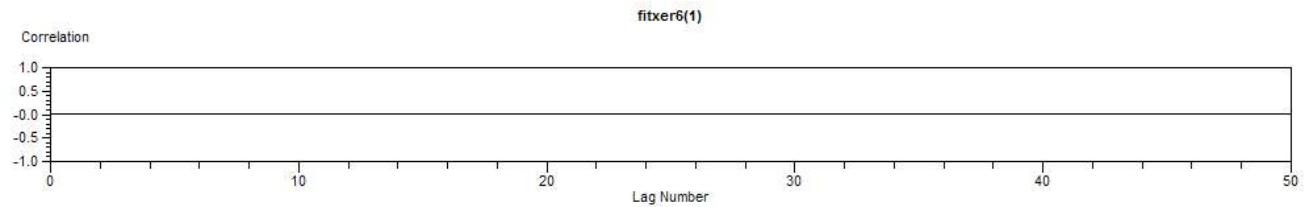
Function	Sq Error
Uniform	0.000143
Beta	0.000146
Normal	0.00345
Weibull	0.00392
Gamma	0.00423
Erlang	0.00441
Exponential	0.0064
Lognormal	0.00736
Triangular	0.00846

Output analyzer:

– Barchart



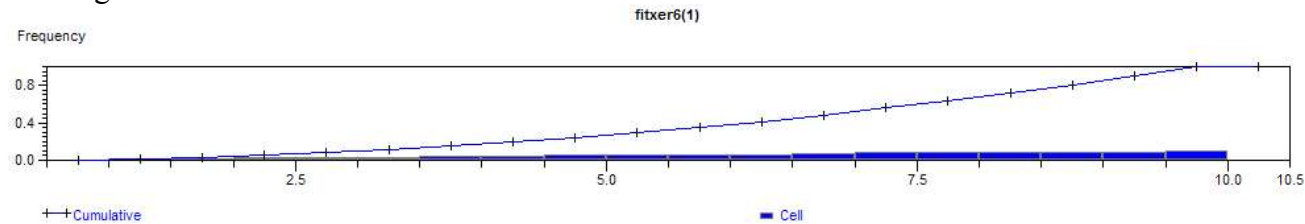
– Correlation



Correlogram Summary fitxer6(1)		
Sample Mean :		
Sample Variance :		
Sample Size :		
Weighted Sum of Cov. :		
Correlation/Covariance Values		
Lag	Covariance	Correlation
1	-0.050197	-0.007414
2	-0.019539	-0.0028858
3	0.037137	0.0054851
4	-0.073767	-0.010895
5	0.0094016	0.0013886
6	0.014051	0.0020753
7	-0.00078241	-0.00011556
8	-0.11081	-0.016367
9	-0.073087	-0.010795
10	0.027618	0.0040791
11	0.1112	0.016424
12	0.058344	0.0086174
13	0.042683	0.0063043
14	0.10996	0.016242
15	0.0038573	0.00056973
16	0.10263	0.015159
17	0.18091	0.02672
18	-0.11131	-0.01644
19	0.16598	0.024515
20	0.060524	0.0089393
21	0.11472	0.016944
22	-0.070477	-0.010409

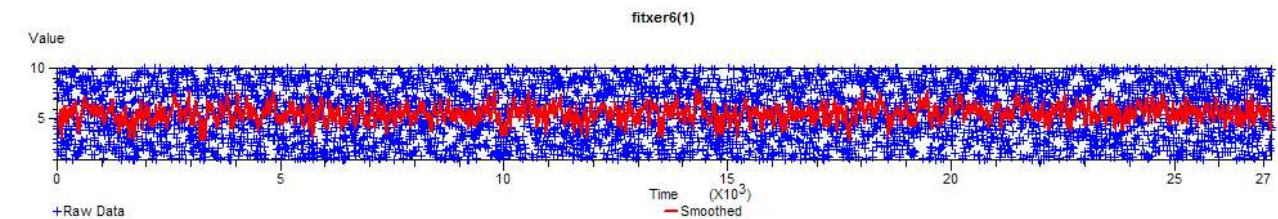
23	0.015144	0.0022368
24	0.072002	0.010635
25	-0.072114	-0.010651
26	0.038011	0.0056141
27	-0.0055574	-0.00082082
28	-0.19039	-0.028121
29	0.14518	0.021443
30	0.02448	0.0036156
31	-0.16789	-0.024797
32	-0.014707	-0.0021722
33	-0.12246	-0.018087
34	-0.042753	-0.0063146
35	0.017058	0.0025195
36	-0.035246	-0.0052058
37	0.059094	0.0087281
38	0.017628	0.0026036
39	0.063439	0.0093699
40	0.10615	0.015679
41	0.09163	0.013534
42	0.087475	0.01292
43	0.022553	0.0033311
44	-0.18637	-0.027527
45	-0.044912	-0.0066335
46	-0.17221	-0.025435
47	-0.10517	-0.015533
48	0.10413	0.01538
49	0.019094	0.0028201
50	-0.078619	-0.011612

- Histogram



Histogram Summary						
fitxer6(1)						
Cell Limits		Abs. Freq. (Time)		Rel. Freq.		
Cell	From	To	Cell	Cumul.	Cell	Cumul.
1	-Infinity	1	0	0	0	0
2	1	1.5	350.6	350.6	0.0129	0.0129
3	1.5	2	486.3	836.9	0.0179	0.0308
4	2	2.5	596.4	1433	0.02195	0.05275
5	2.5	3	749.5	2183	0.02758	0.08033
6	3	3.5	886.3	3069	0.03262	0.113
7	3.5	4	1089	4158	0.04008	0.153
8	4	4.5	1130	5288	0.04158	0.1946
9	4.5	5	1393	6681	0.05127	0.2459
10	5	5.5	1476	8157	0.05432	0.3002
11	5.5	6	1456	9613	0.05359	0.3538
12	6	6.5	1554	1.117e+004	0.05719	0.411
13	6.5	7	1827	1.299e+004	0.06724	0.4782
14	7	7.5	2163	1.516e+004	0.07962	0.5579
15	7.5	8	2117	1.727e+004	0.0779	0.6357
16	8	8.5	2320	1.959e+004	0.0854	0.7211
17	8.5	9	2379	2.197e+004	0.08757	0.8087
18	9	9.5	2486	2.446e+004	0.0915	0.9002
19	9.5	10	2711	2.717e+004	0.09979	1
20	10	+Infinity	0	2.717e+004	0	1

– Moving average

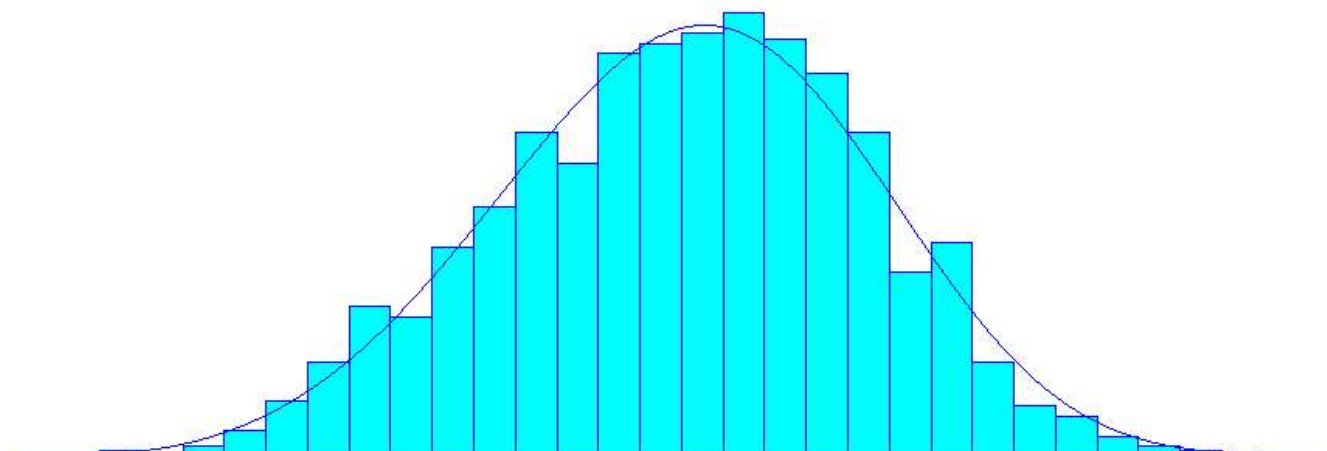


Display Forecasted Values Not Selected

TOTAL	ABS.DEVIATION	1.155e+004
MEAN	ABS.DEVIATION	2.341
MEAN	BIAS	-0.0009162

Fitxer 7

Input analyzer:



Distribution Summary

Distribution: Weibull
 Expression: $0.14 + \text{WEIB}(0.847, 4.04)$
 Square Error: 0.000593

Chi Square Test

Number of intervals = 21
 Degrees of freedom = 18
 Test Statistic = 16.6
 Corresponding p-value = 0.549

Kolmogorov-Smirnov Test

Test Statistic = 0.019
 Corresponding p-value > 0.15

Data Summary

Number of Data Points = 1000
 Min Data Value = 0.268
 Max Data Value = 1.49
 Sample Mean = 0.907
 Sample Std Dev = 0.208

Histogram Summary

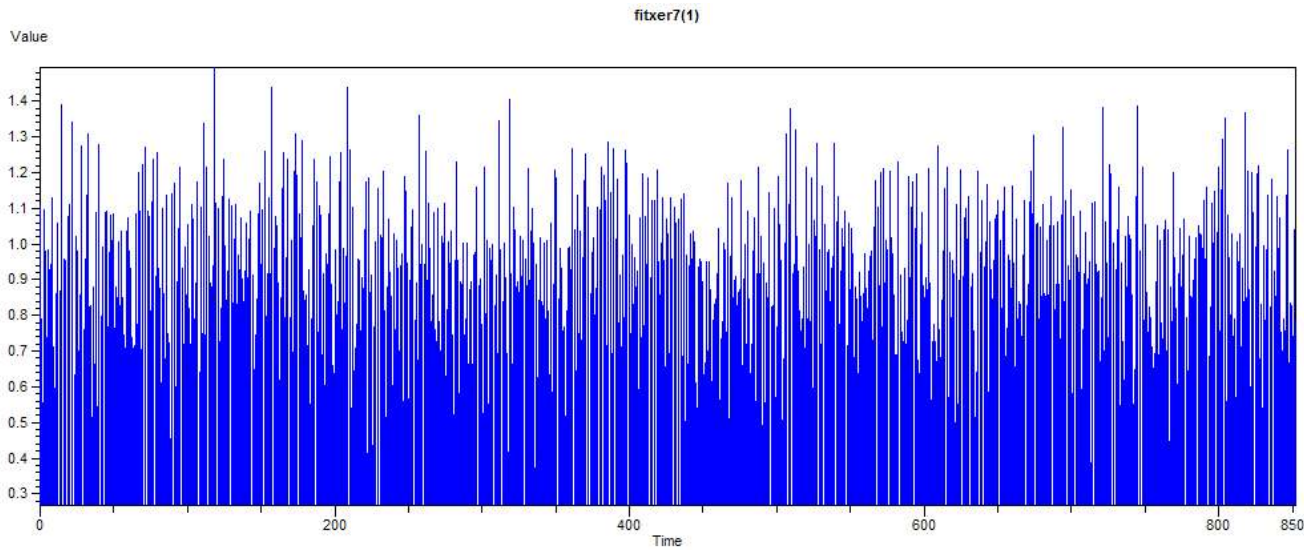
Histogram Range = 0.14 to 1.62
 Number of Intervals = 31

Fit All Summary	
Function	Sq Error

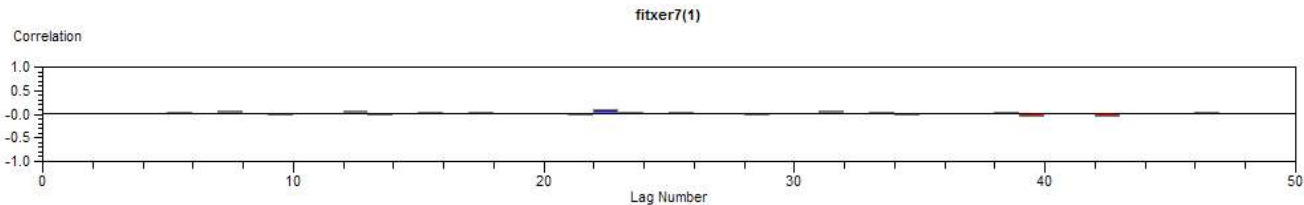
Weibull	0.000593
Normal	0.00104
Beta	0.00207
Erlang	0.00323
Gamma	0.00326
Lognormal	0.00516
Triangular	0.00722
Uniform	0.0315
Exponential	0.0466

Output analyzer:

– Barchart



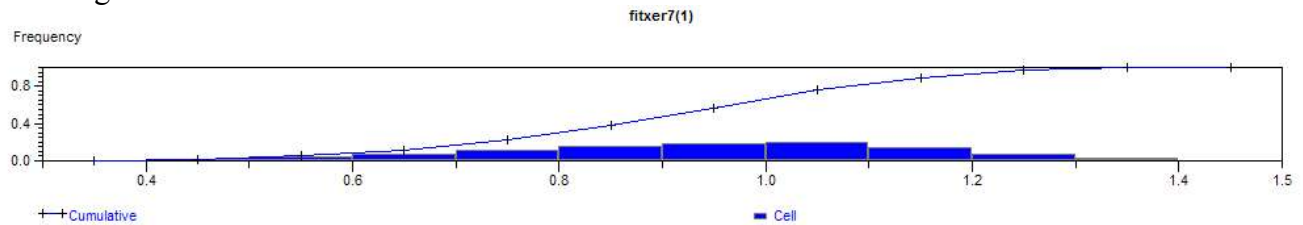
– Correlation



Correlogram Summary		
fitxer7(1)		
Sample Mean :	0.9055	
Sample Variance :	0.04385	
Sample Size :	942	
Weighted Sum of Cov. :	0.02099	
Correlation/Covariance Values		
Lag	Covariance	Correlation
1	0.00036305	0.00828
2	0.00043156	0.0098423
3	0.00076783	0.017512
4	0.0009277	0.021158

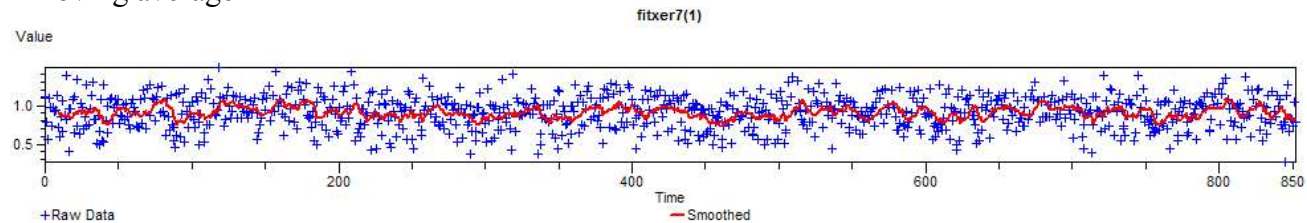
5	-0.00035841	-0.008174
6	0.0014284	0.032578
7	-0.00014632	-0.0033371
8	0.0028283	0.064505
9	-0.00091233	-0.020807
10	-0.0021719	-0.049533
11	0.0010002	0.022812
12	2.5773e-006	5.878e-005
13	0.0024994	0.057003
14	-0.0017087	-0.03897
15	0.0010946	0.024964
16	0.0015697	0.035799
17	-0.00032949	-0.0075146
18	0.0020646	0.047086
19	-0.00053345	-0.012166
20	-1.1806e-005	-0.00026925
21	0.00095998	0.021894
22	-0.0013123	-0.02993
23	0.0038189	0.087096
24	0.0020493	0.046737
25	-0.00044509	-0.010151
26	0.0015267	0.034819
27	-0.0009213	-0.021012
28	-0.0003522	-0.0080325
29	-0.0017107	-0.039015
30	-0.0010019	-0.022851
31	0.00034018	0.0077584
32	0.0026016	0.059335
33	-0.0010768	-0.024559
34	0.0013788	0.031446
35	-0.0019792	-0.04514
36	0.00030205	0.0068888
37	-0.00063846	-0.014561
38	0.00015226	0.0034726
39	0.0022601	0.051546
40	-0.0030683	-0.069978
41	-0.00068612	-0.015648
42	-7.0232e-005	-0.0016018
43	-0.0029084	-0.066331
44	0.00015285	0.0034859
45	-0.0012318	-0.028092
46	0.00022529	0.005138
47	0.0019758	0.045061
48	-6.5114e-005	-0.001485
49	0.0011227	0.025606
50	0.00039058	0.0089078

– Histogram



Histogram Summary							
fitxer7(1)							
Cell Limits			Abs. Freq. (Time)		Rel. Freq.		
Cell	From	To	Cell	Cumul.	Cell	Cumul.	
1	-Infinity	0.4	1.793	1.793	0.002103	0.002103	
2	0.4	0.5	9.136	10.93	0.01072	0.01282	
3	0.5	0.6	31.58	42.5	0.03705	0.04987	
4	0.6	0.7	54.85	97.36	0.06436	0.1142	
5	0.7	0.8	96.36	193.7	0.1131	0.2273	
6	0.8	0.9	129.2	323	0.1516	0.3789	
7	0.9	1	158.7	481.6	0.1862	0.5651	
8	1	1.1	162.3	643.9	0.1904	0.7555	
9	1.1	1.2	115.5	759.4	0.1355	0.8911	
10	1.2	1.3	65.55	824.9	0.07692	0.968	
11	1.3	1.4	21.52	846.5	0.02525	0.9932	
12	1.4	+Infinity	5.777	852.2	0.006779	1	

Moving average

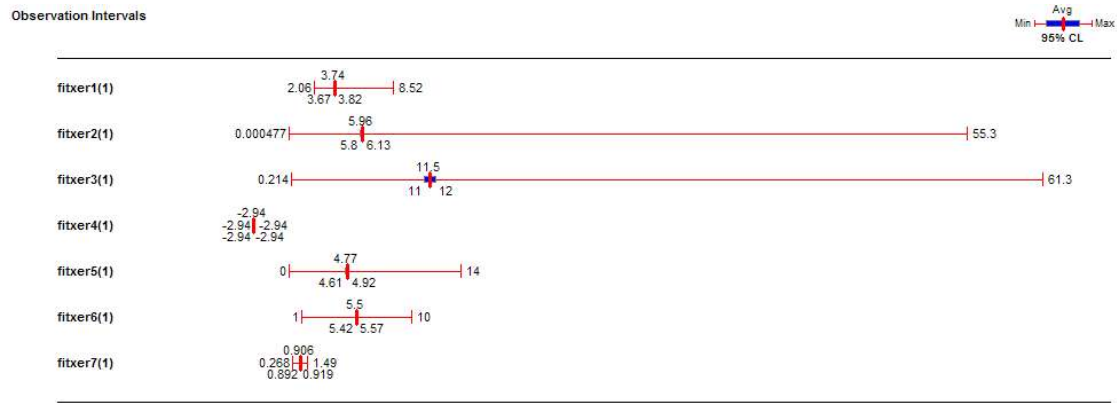


Display Forecasted Values Not Selected			

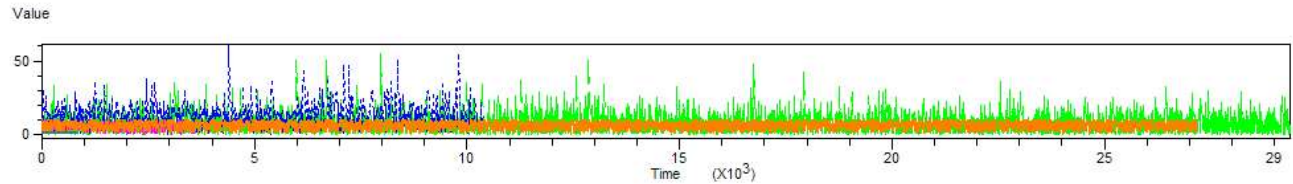
TOTAL	ABS.DEVIATION	167	
MEAN	ABS.DEVIATION	0.179	
MEAN	BIAS	0.0005482	

Comparació

Clàssica



Plot



Plot Legend ~ Filename (Replication Treatment)

— fitxer1 (1)

--- fitxer3 (1)

--- fitxer5 (1)

--- fitxer7 (1)

--- fitxer2 (1)

--- fitxer4 (1)

--- fitxer6 (1)