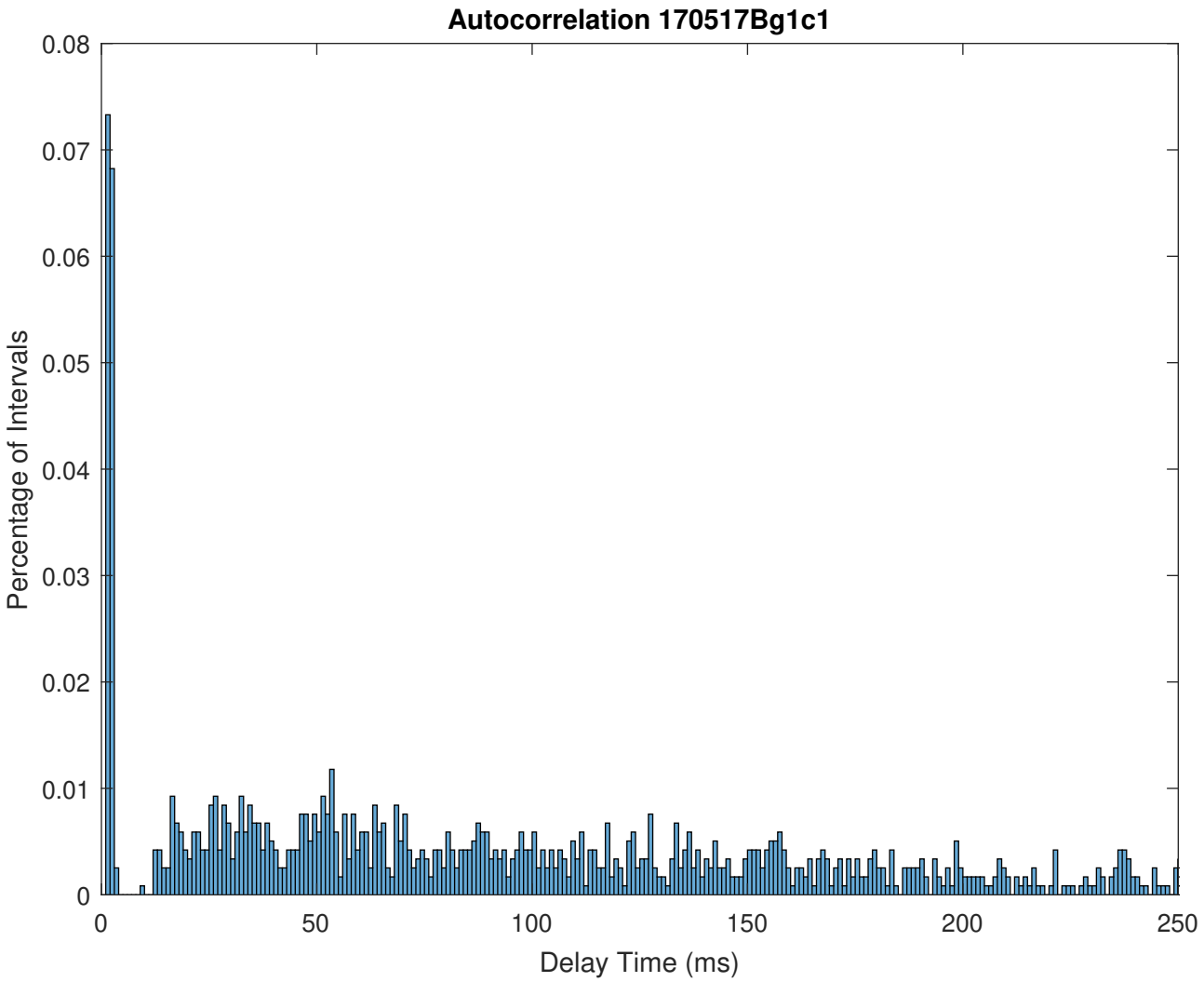
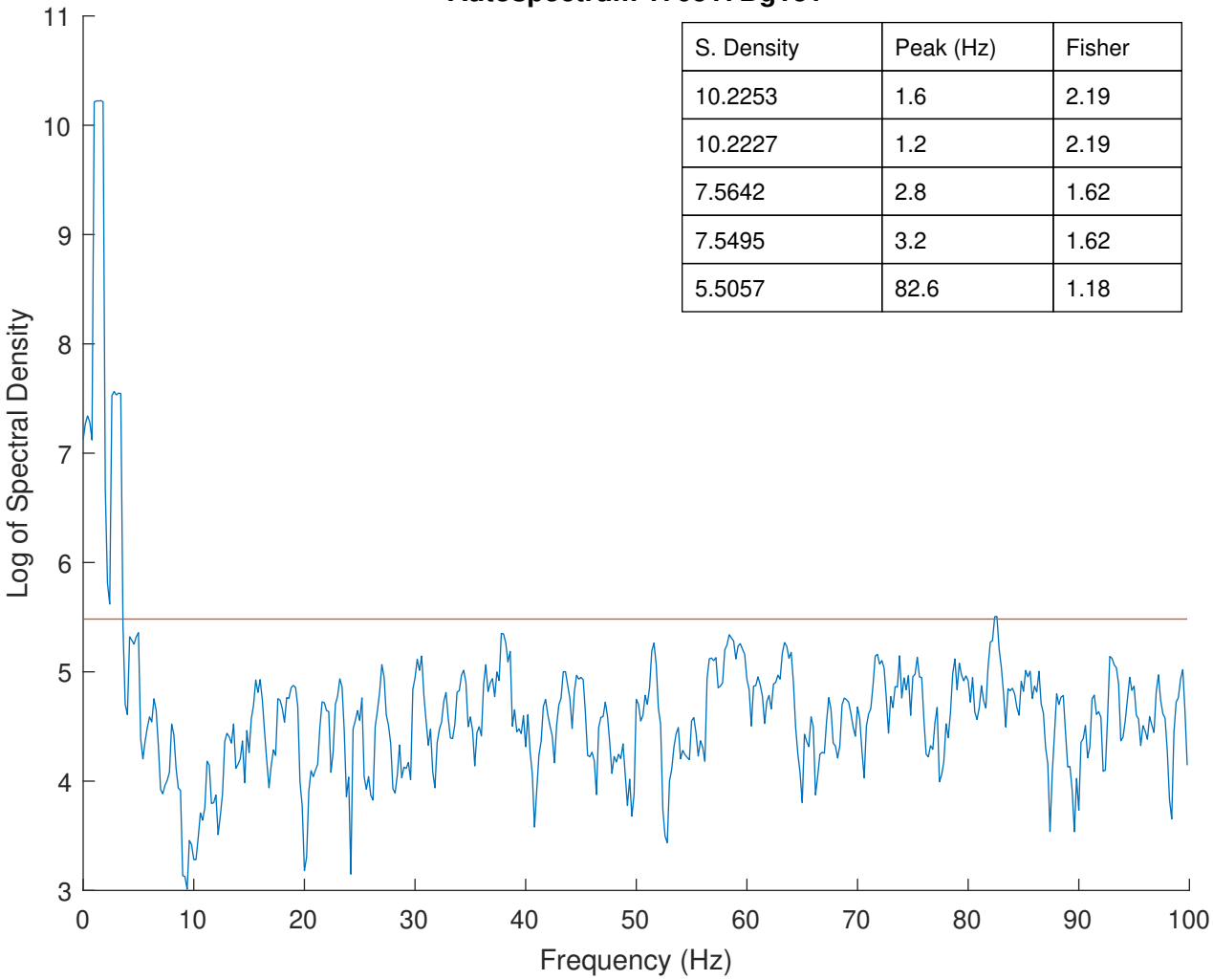
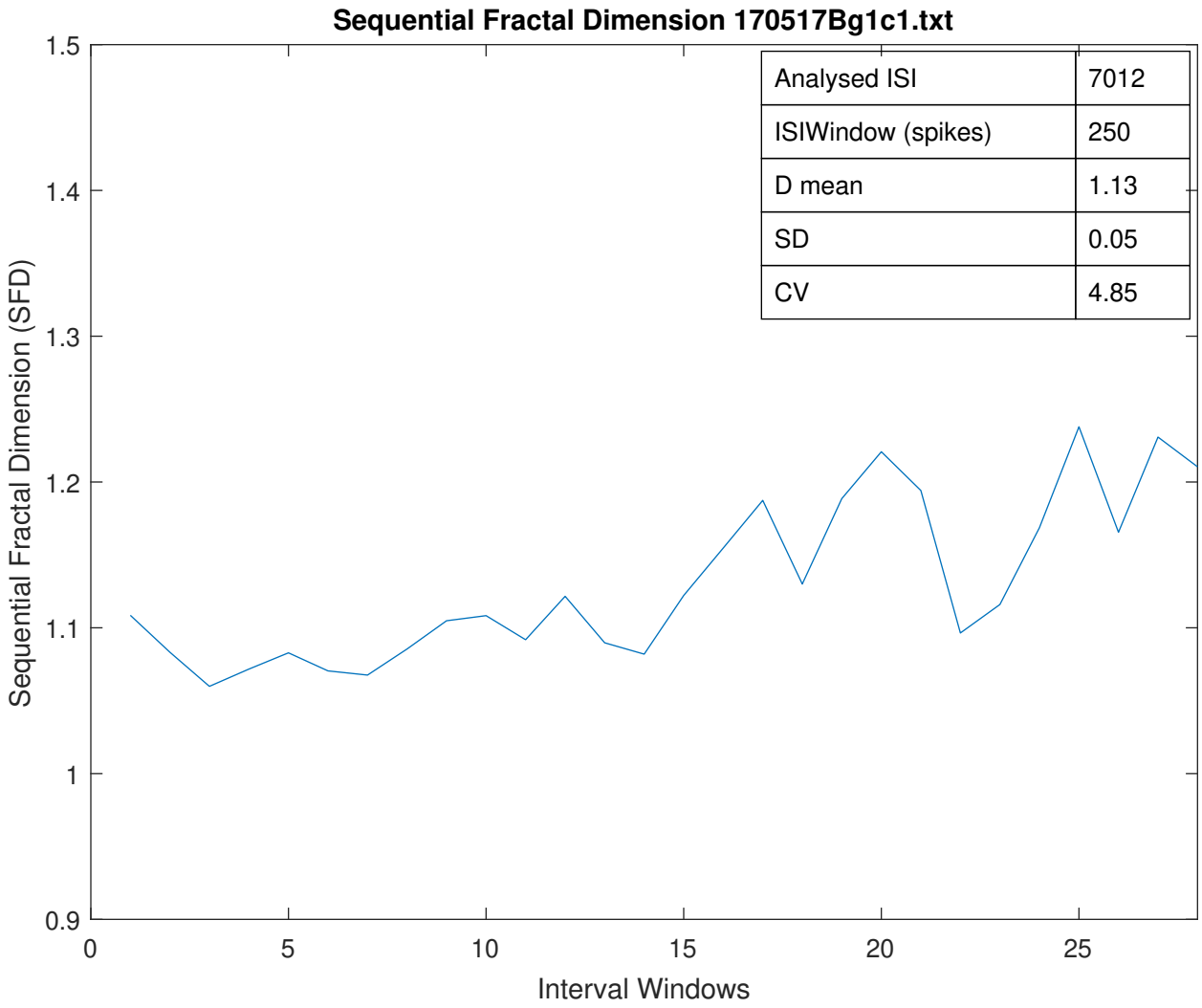

Autocorrelation 170517Bg1c1
Percentage of Intervals
Delay Time (ms)
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
50
100
150
200
250

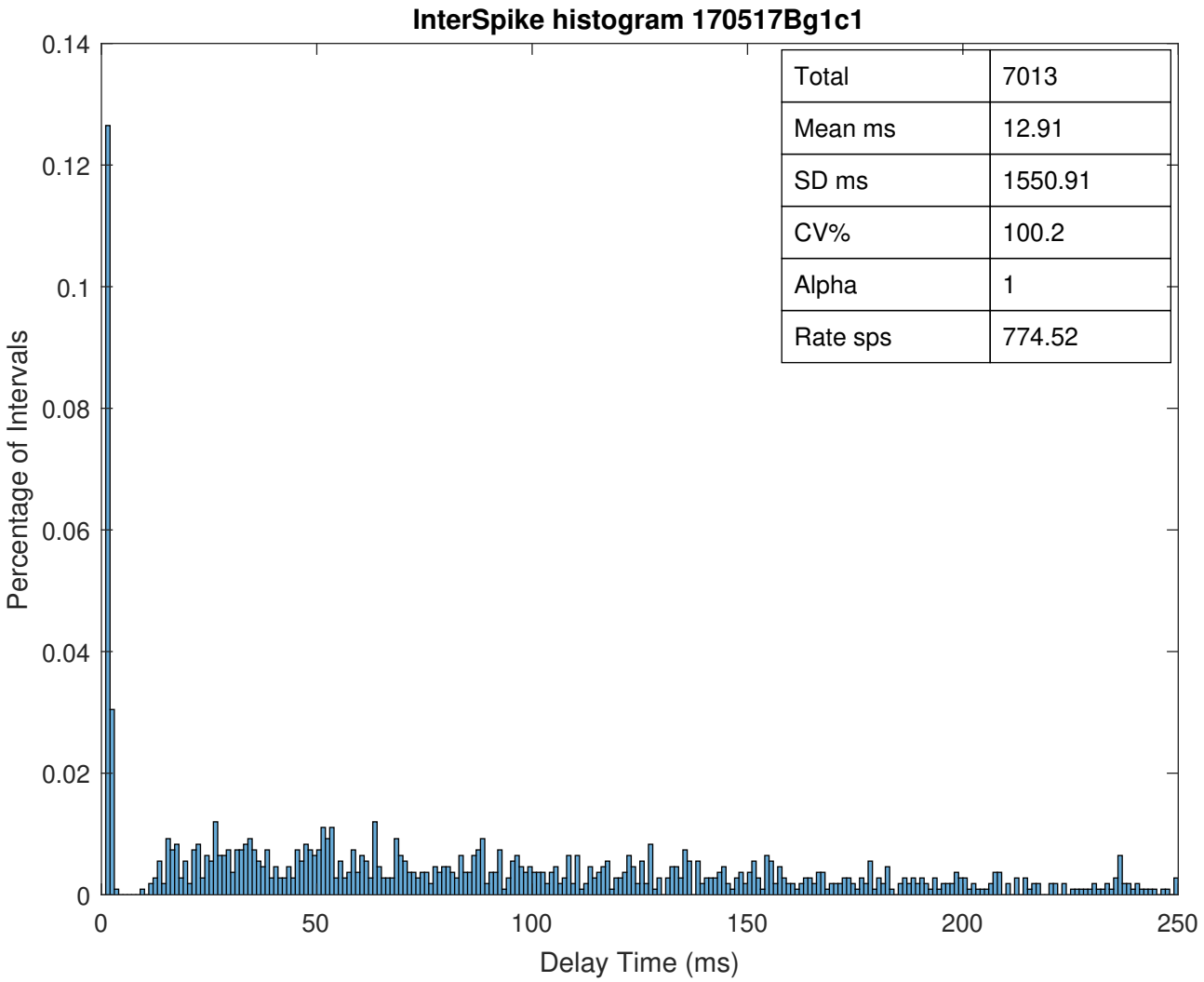
Autospectrum 170517Bg1c1

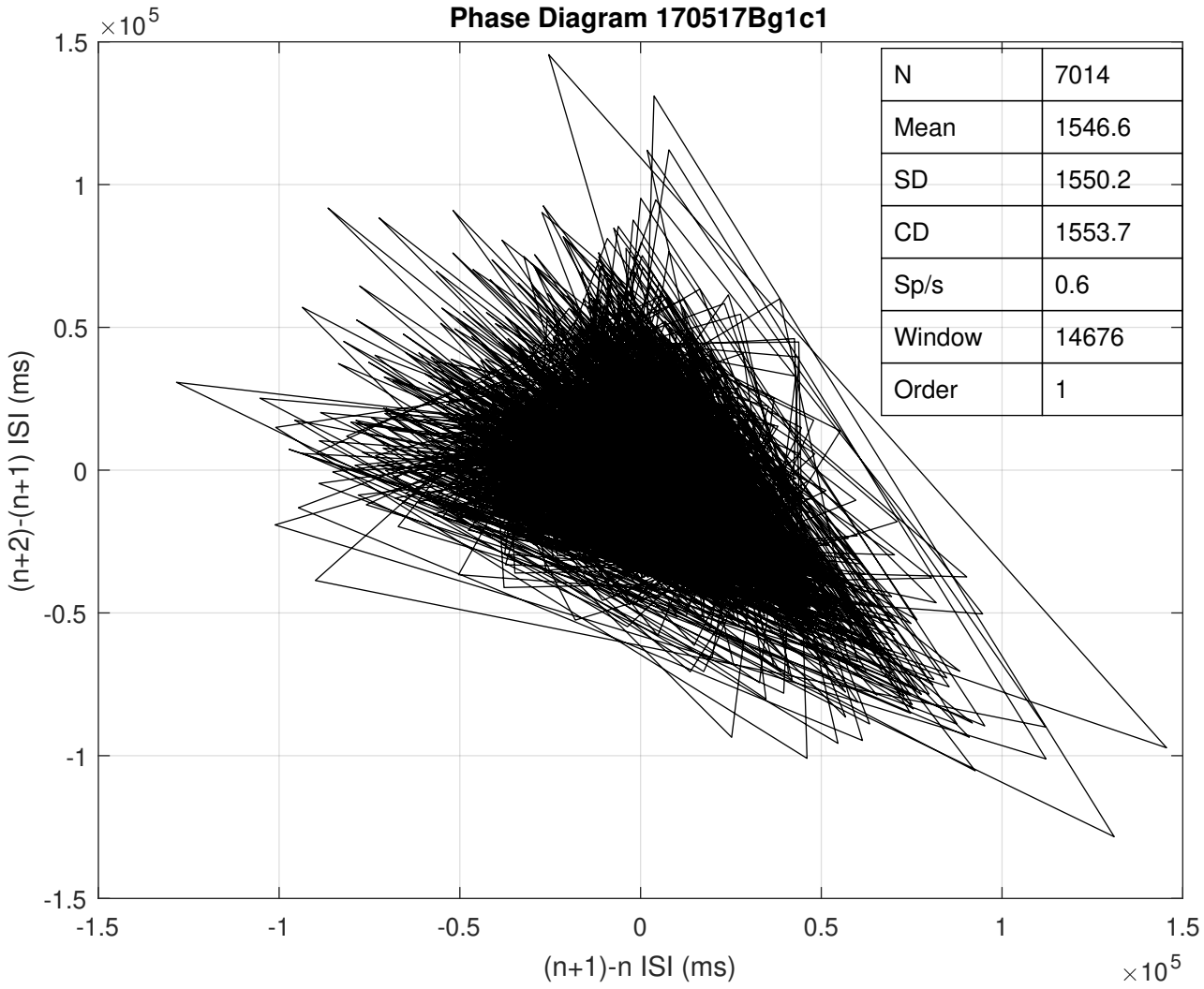
S. Density	Peak (Hz)	Fisher
10.2253	1.6	2.19
10.2227	1.2	2.19
7.5642	2.8	1.62
7.5495	3.2	1.62
5.5057	82.6	1.18

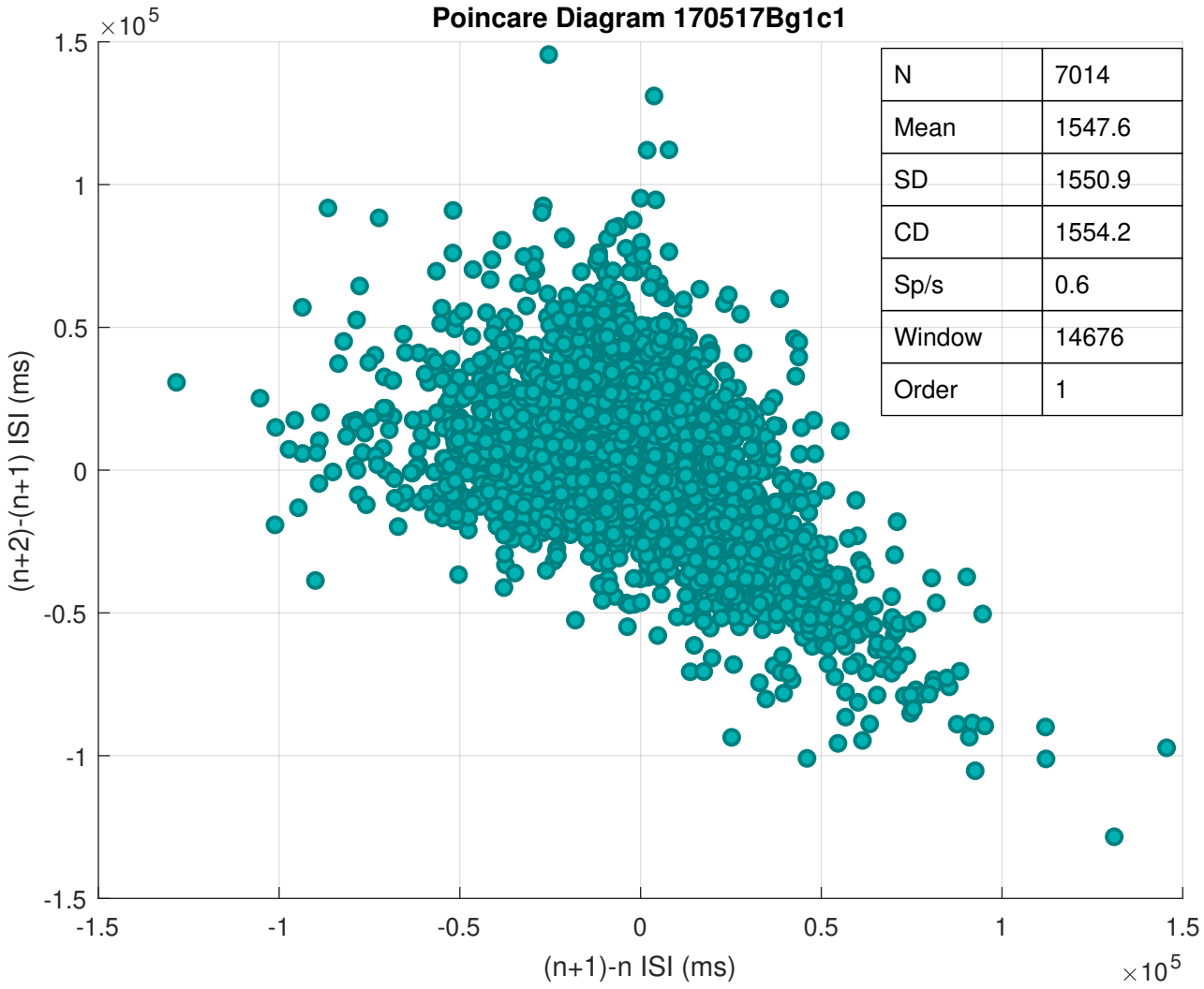


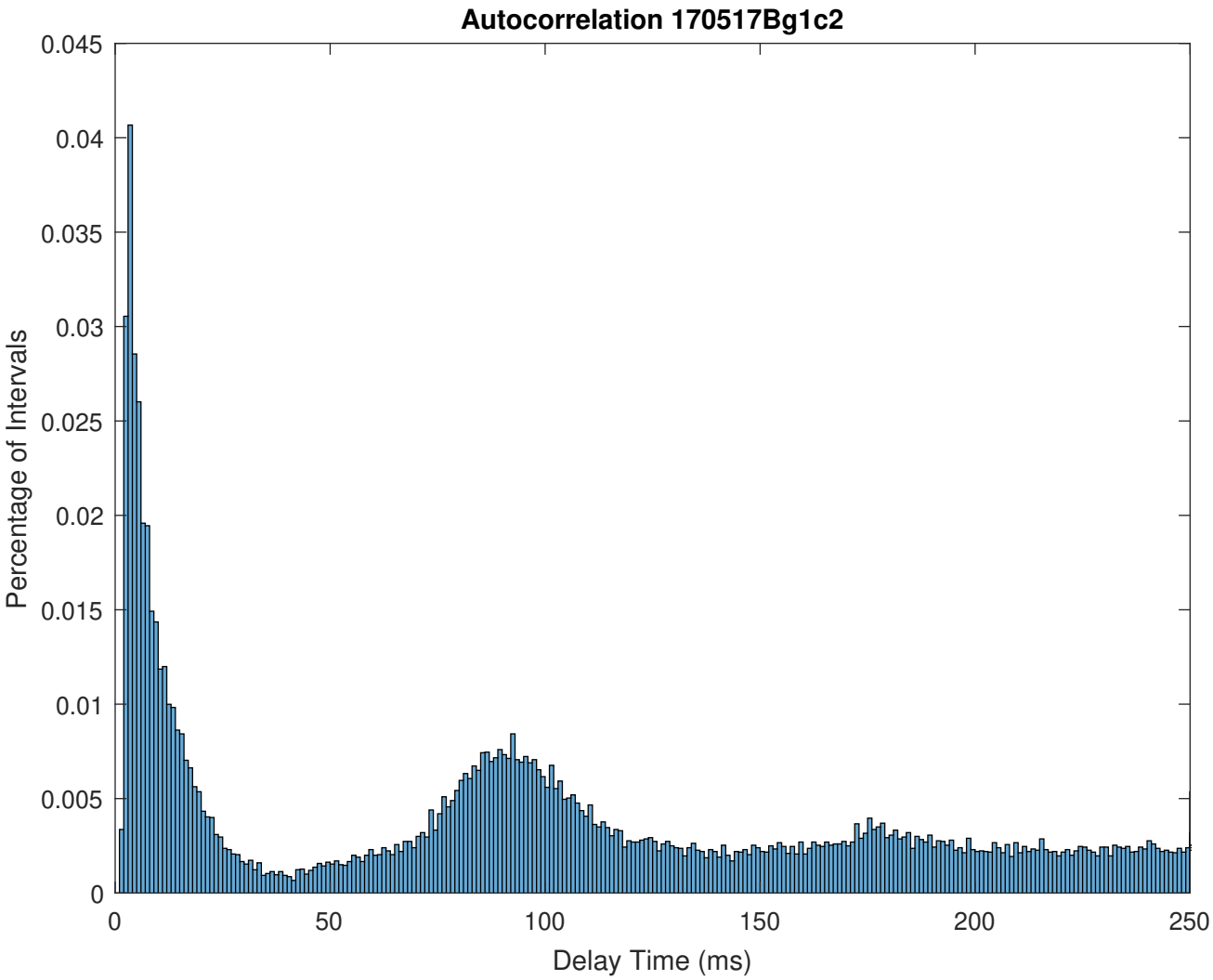
170517Bg1c1		
N Spikes	7014	
Min & MAX ISI	1-14676	
Mean(X)	1547.61	
SD	1550.91	
SE	18.52	
Gamma	0.99894	
CV	100.21	
Intervals < X	4609	
Intervals > X	2405	
Short/Long Interval Ratio	1.92	
Short Interval Intensity	6.54	
2nd Burst Time Window (ms)	10	50
Intervals < BTW	173	420
Intervals > BTW	6841	6594
Burst Duration	10	50
Burst Ratio	0.025	0.064
Burst Intensity	17.3	8.4


Sequential Fractal Dimension 170517Bg1c1.txt
Analysed ISI 7012
ISIWindow (spikes) 250
D mean 1.13
SD 0.05
CV 4.85
Sequential Fractal Dimension (SFD)
Interval Windows
1.5
1.4
1.3
1.2
1.1
1
0.9
0
5
10
15
20
25


InterSpike histogram 170517Bg1c1
Total 7013
Mean ms 12.91
SD ms 1550.91
CV% 100.2
Alpha 1
Rate sps 774.52
Percentage of Intervals
Delay Time (ms)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0
50
100
150
200
250

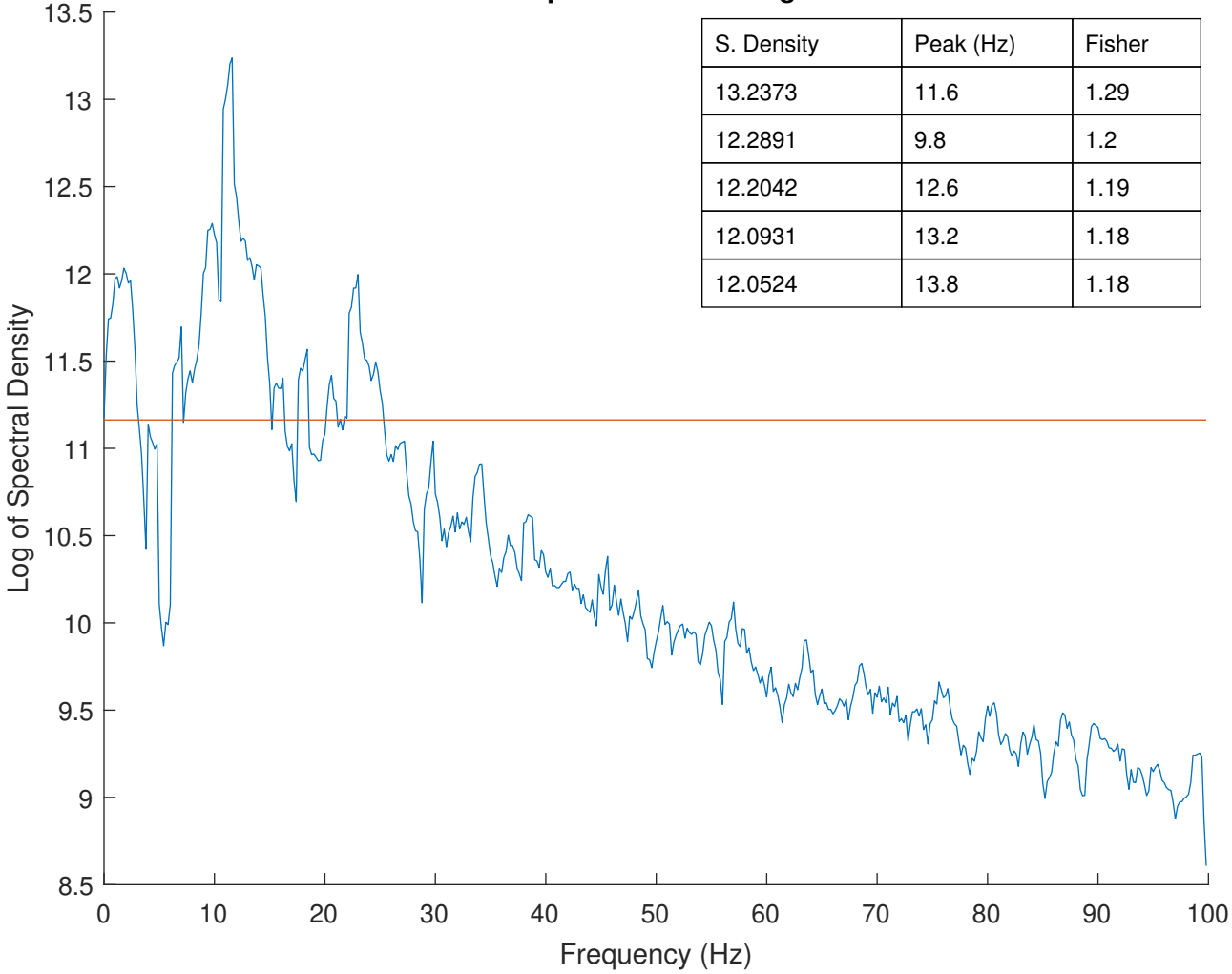

Phase Diagram 170517Bg1c1
×10^5
1.5
1
0.5
0
-0.5
-1
-1.5
(n+2)-(n+1) ISI (ms)
-1.5
-1
-0.5
0
0.5
1
1.5
(n+1)-n ISI (ms)
×10^5
N 7014
Mean 1546.6
SD 1550.2
CD 1553.7
Sp/s 0.6
Window 14676
Order 1


Poincare Diagram 170517Bg1c1
×10^5
1.5
1
0.5
0
-0.5
-1
-1.5
(n+2)-(n+1) ISI (ms)
-1.5
-1
-0.5
0
0.5
1
1.5
(n+1)-n ISI (ms)
×10^5
N 7014
Mean 1547.6
SD 1550.9
CD 1554.2
Sp/s 0.6
Window 14676
Order 1

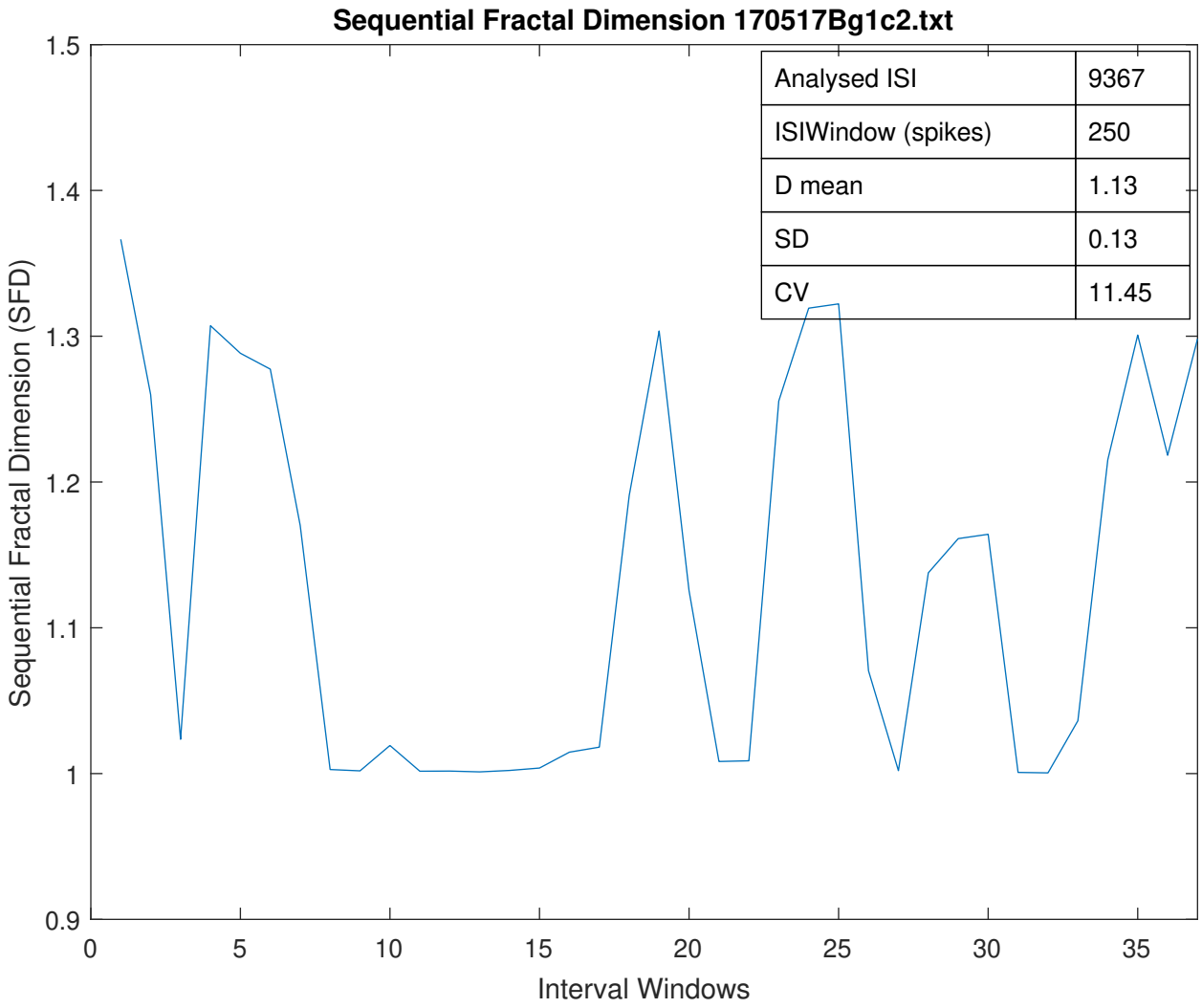

Autocorrelation 170517Bg1c2
Percentage of Intervals
Delay Time (ms)
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
0
50
100
150
200
250

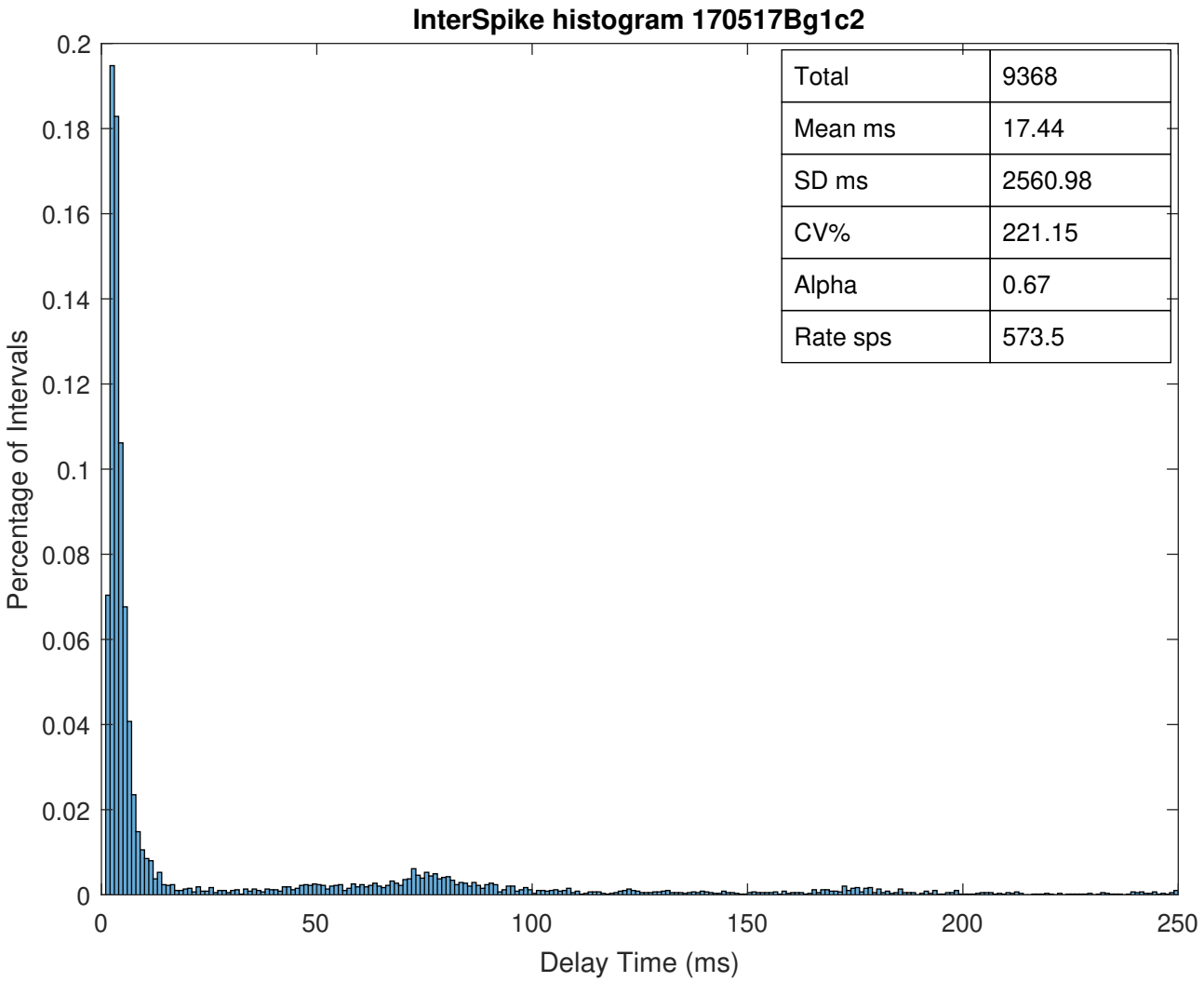
Autospectrum 170517Bg1c2

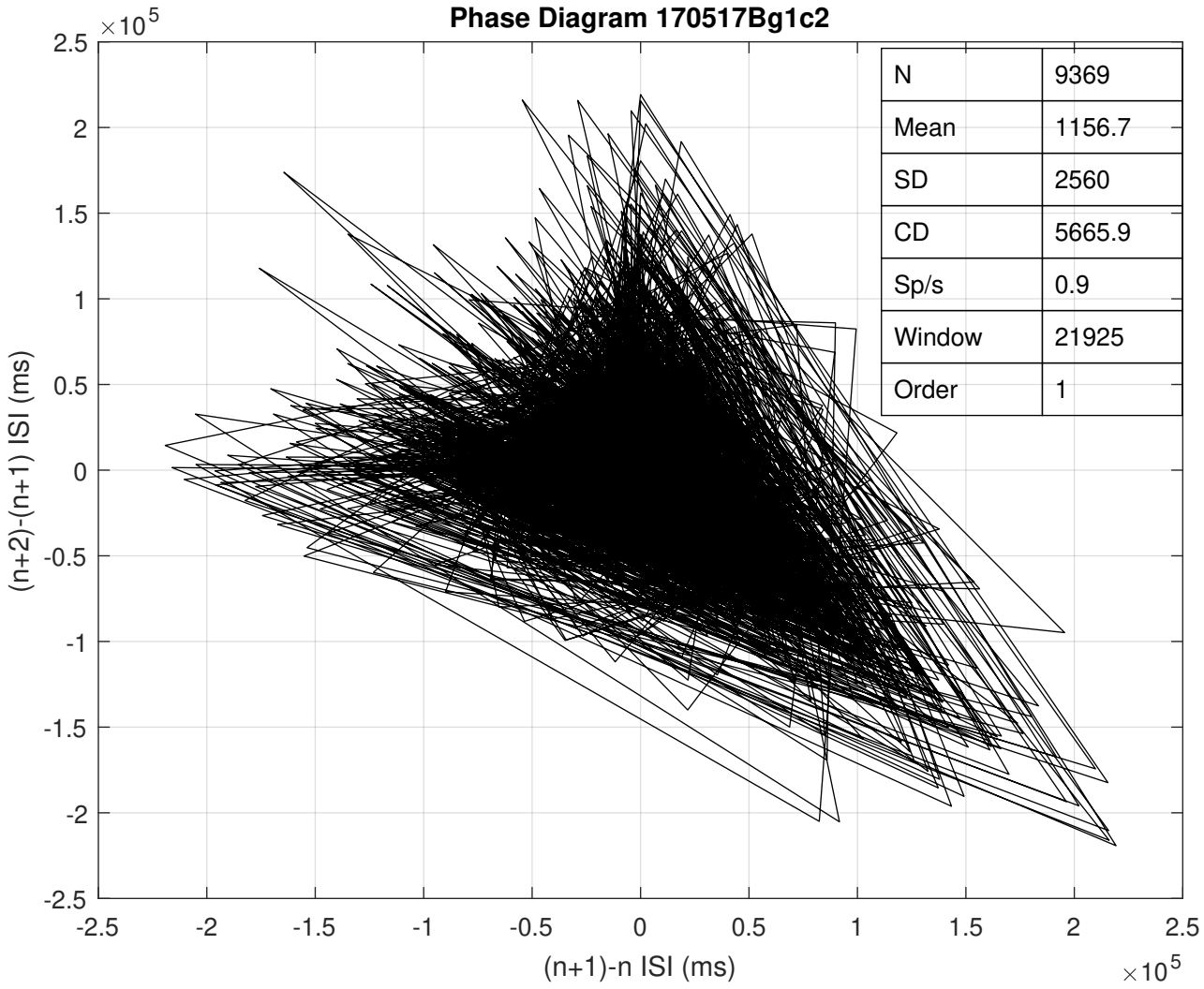
S. Density	Peak (Hz)	Fisher
13.2373	11.6	1.29
12.2891	9.8	1.2
12.2042	12.6	1.19
12.0931	13.2	1.18
12.0524	13.8	1.18

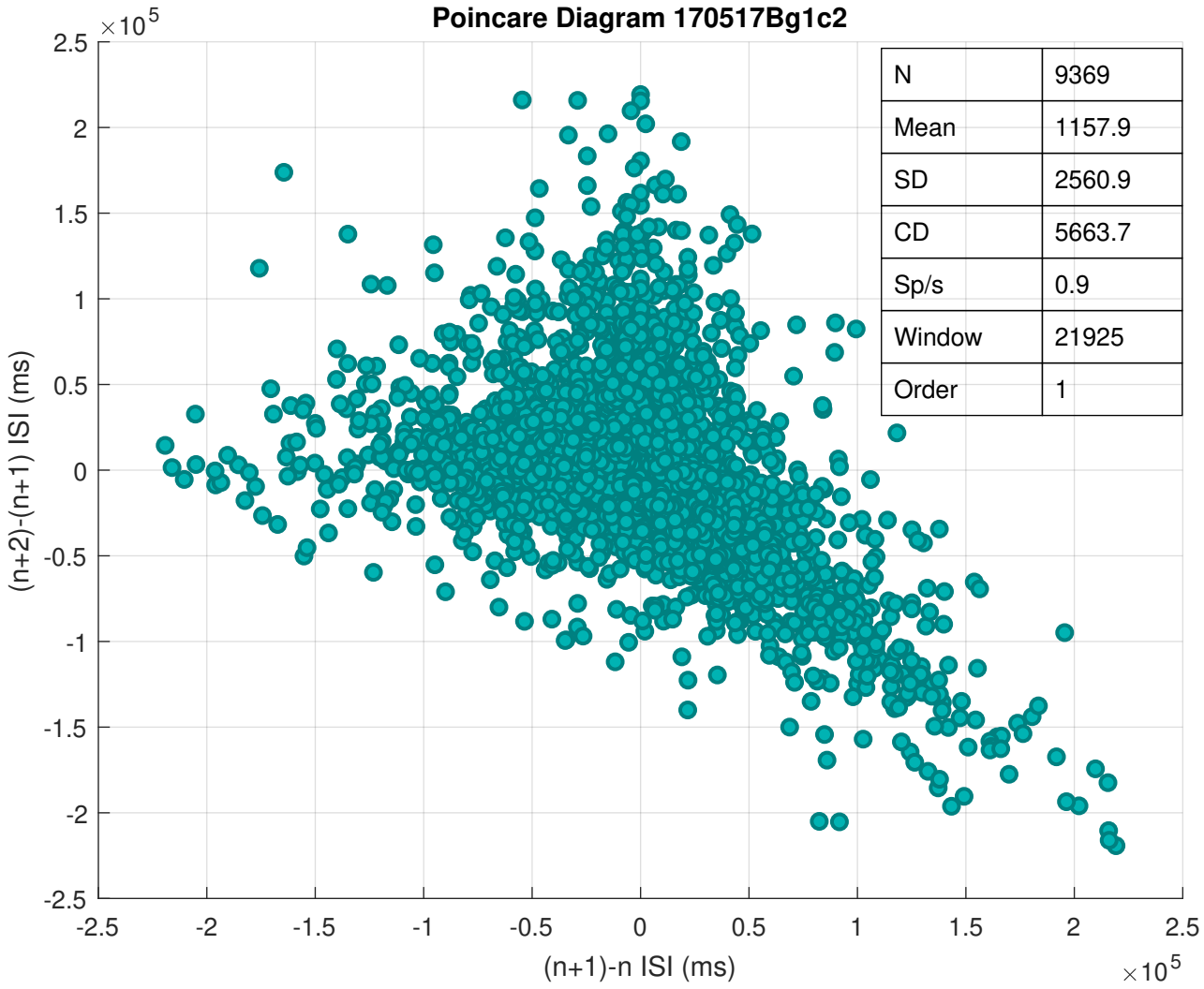


170517Bg1c2		
N Spikes	9369	
Min & MAX ISI	1-21925	
Mean(X)	1157.92	
SD	2560.88	
SE	26.46	
Gamma	0.67243	
CV	221.16	
Intervals < X	7227	
Intervals > X	2142	
Short/Long Interval Ratio	3.37	
Short Interval Intensity	53.46	
2nd Burst Time Window (ms)	10	50
Intervals < BTW	4196	4618
Intervals > BTW	5173	4751
Burst Duration	10	50
Burst Ratio	0.811	0.972
Burst Intensity	419.6	92.36


Sequential Fractal Dimension 170517Bg1c2.txt
Analysed ISI 9367
ISIWindow (spikes) 250
D mean 1.13
SD 0.13
CV 11.45
Sequential Fractal Dimension (SFD)
Interval Windows
1.5
1.4
1.3
1.2
1.1
1
0.9
0
5
10
15
20
25
30
35


InterSpike histogram 170517Bg1c2
Total 9368
Mean ms 17.44
SD ms 2560.98
CV% 221.15
Alpha 0.67
Rate sps 573.5
Percentage of Intervals
Delay Time (ms)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
0.2
0
50
100
150
200
250


Phase Diagram 170517Bg1c2
×10^5
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
(n+2)-(n+1) ISI (ms)
-2.5
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
2.5
(n+1)-n ISI (ms)
×10^5
N 9369
Mean 1156.7
SD 2560
CD 5665.9
Sp/s 0.9
Window 21925
Order 1


Poincare Diagram 170517Bg1c2
×10^5
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
(n+2)-(n+1) ISI (ms)
-2.5
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
2.5
(n+1)-n ISI (ms)
×10^5
N 9369
Mean 1157.9
SD 2560.9
CD 5663.7
Sp/s 0.9
Window 21925
Order 1