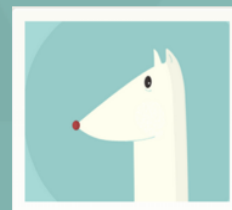


Chronomics Analysis Toolbox (CAT)

30 Jan, 2020--21:18:41



Parameters

Functions



These parameters describe the functions run, and key modifiers for those functions:

Smoothing= TRUE
(k= 5)

Actogram= TRUE
(modulo= 1440)

AutoCorr= TRUE
(LagPcnt= 1)

CrossCorr= FALSE

yLab= " NA "

Data and Processing



Indicate columns to be processed, interval between observations, desired bin sizes, and other details:

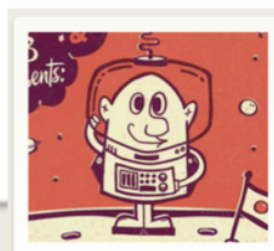
TimeFormat= %Y-%m-%d %H:%M:%S
TimeCol= 1
valCols= 2 , sumCols= NULL
Avg= FALSE
sizePts= 1 , binPts= 30
RmaxGap= 3000
Span= 0 , Increment= 0
lum= NA
Darkness1= 0
Darkness2= 0
header= TRUE , Skip= 0
nFiles= 1

Output Format



Graphic format, whether to export the data, verbosity, and other details:

Rverbose= 0
Console= FALSE
Graphics= pdf
export= TRUE



Data Files:

File1: 0 % missing data; max gap: 0

Input

File1 = C:/Users/yanru/Downloads/skin_temp/data/heart_rate.txt

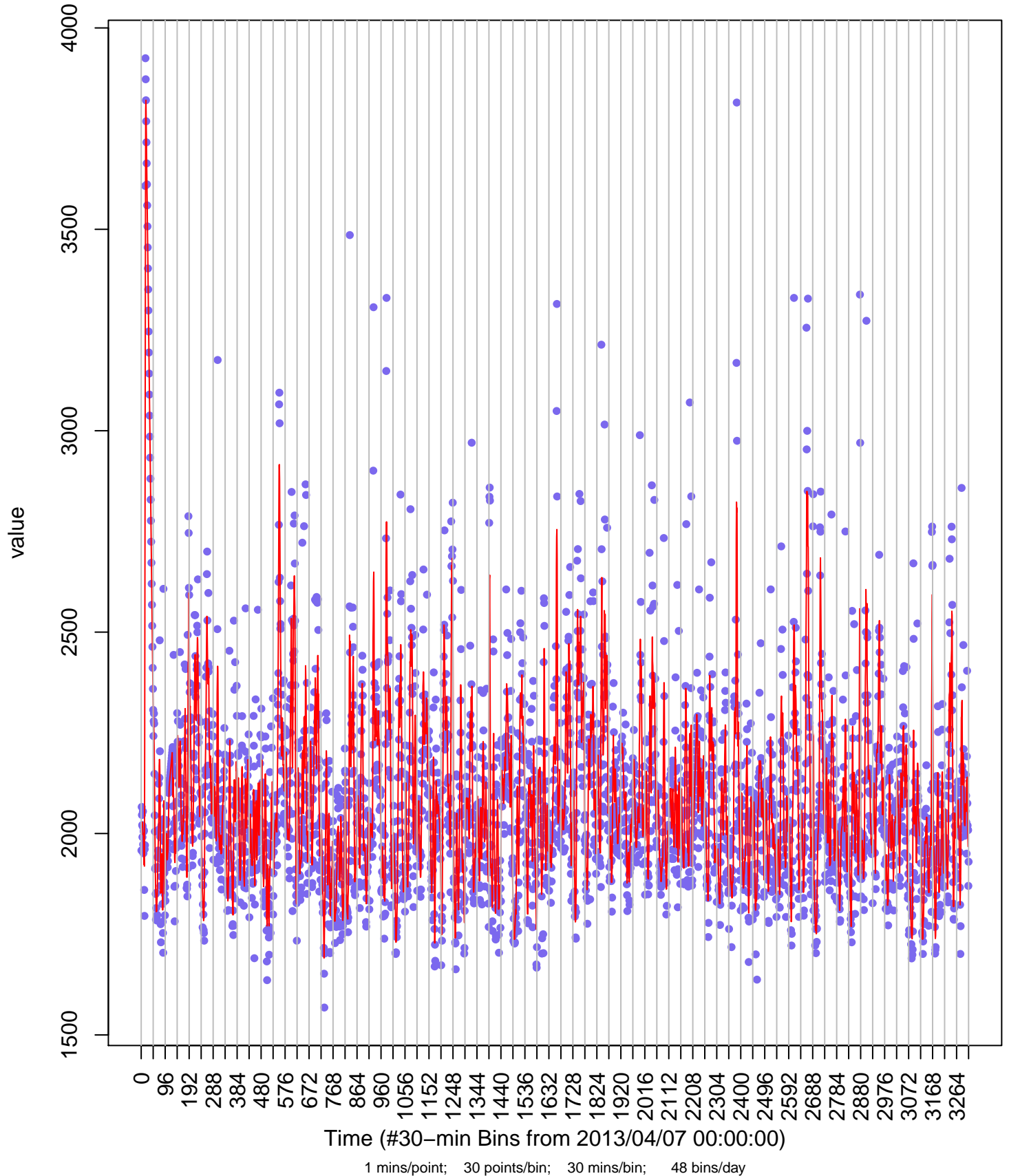
File2 =

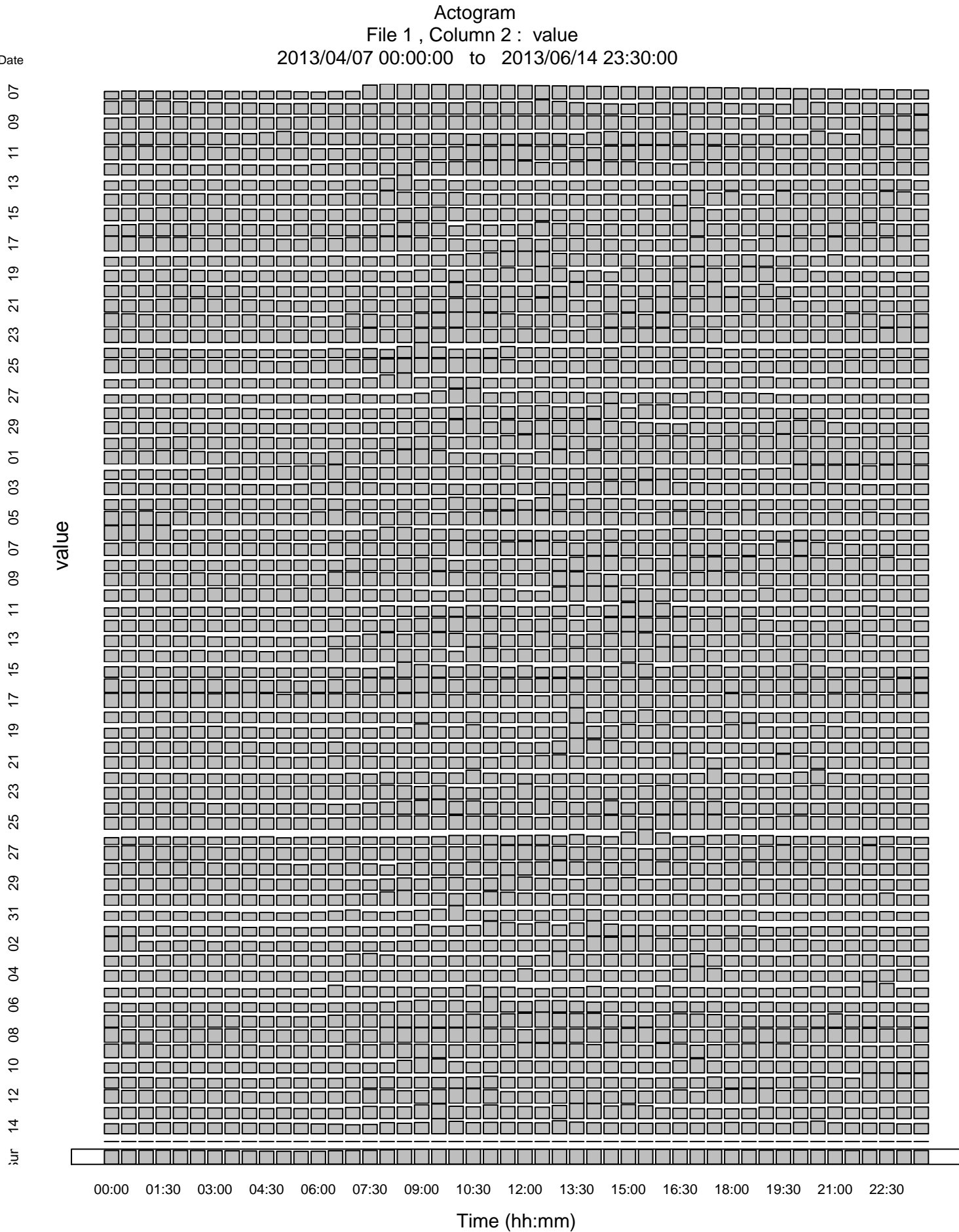
Output: Binned and interpolated data

File1out =... C:/Users/yanru/Downloads/skin_temp/data/heart_rate.txt--30Jan2020--21-18-41CATfile1binned.txt

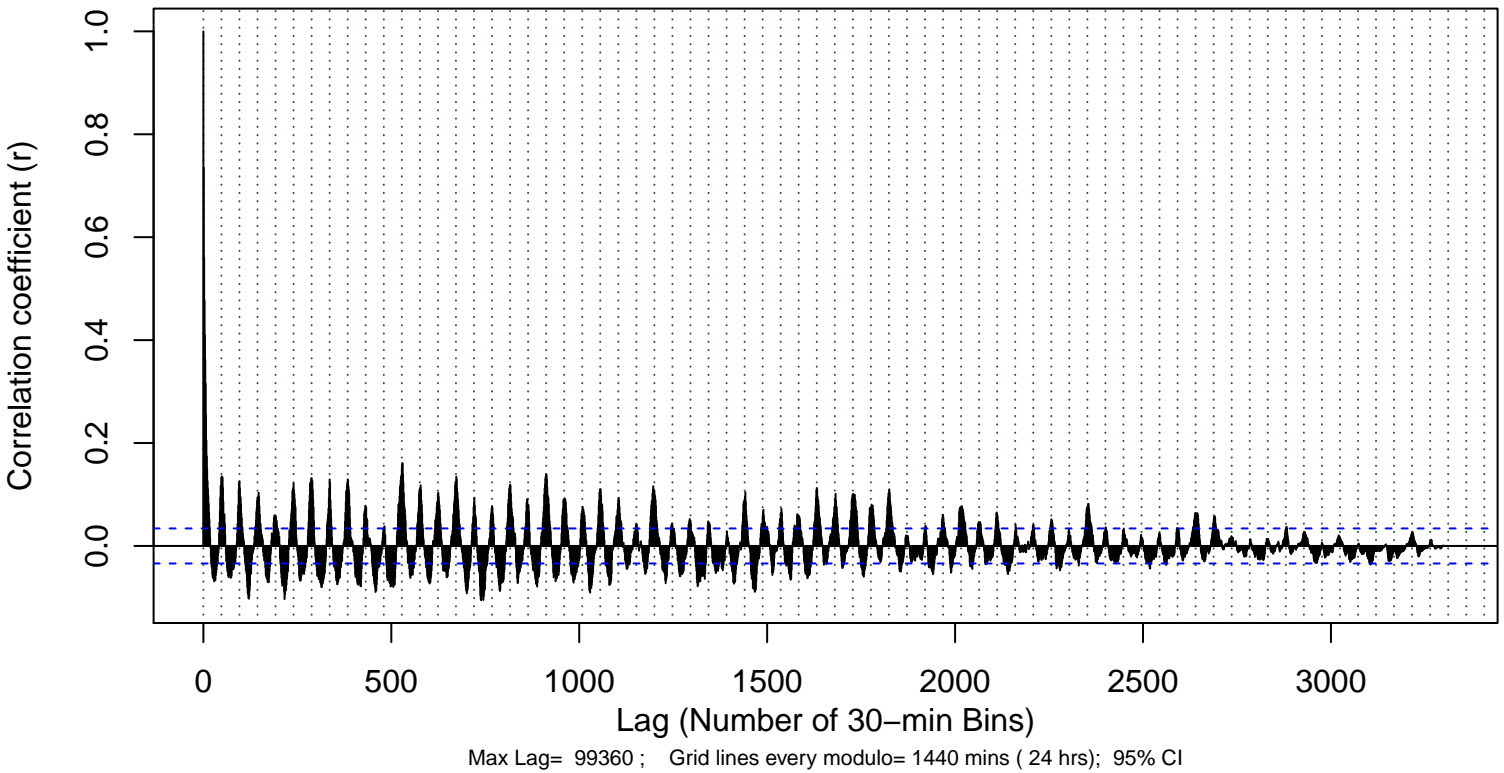
File2out =...

Smoothing (k= 5)
File 1 , Column 2 : value
2013/04/07 00:00:00 to 2013/06/14 23:30:00





AutoCorrelation
File 1 , Column 2 : value
2013/04/07 00:00:00 -- 2013/06/14 23:30:00



Periodogram by FFT

