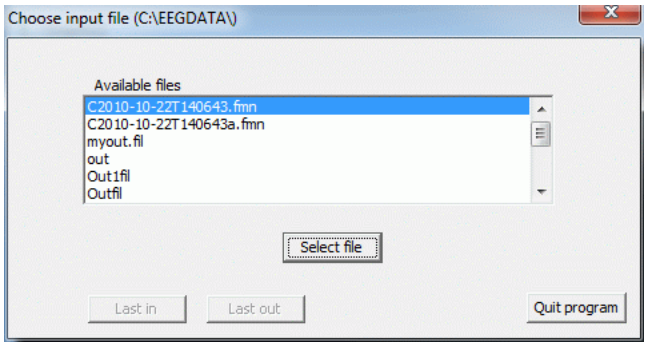
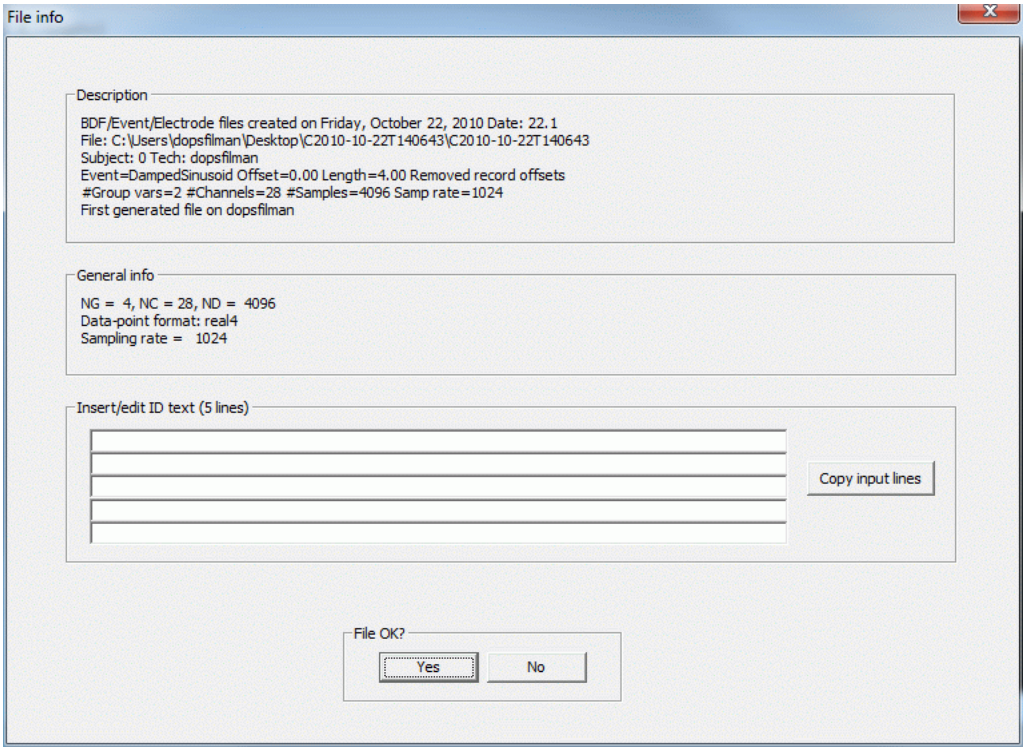
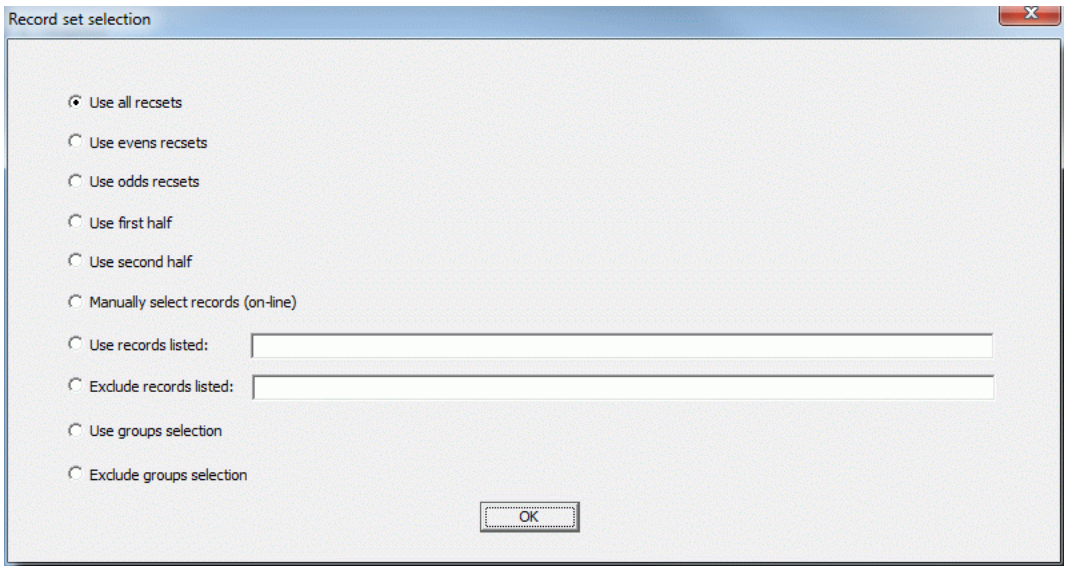
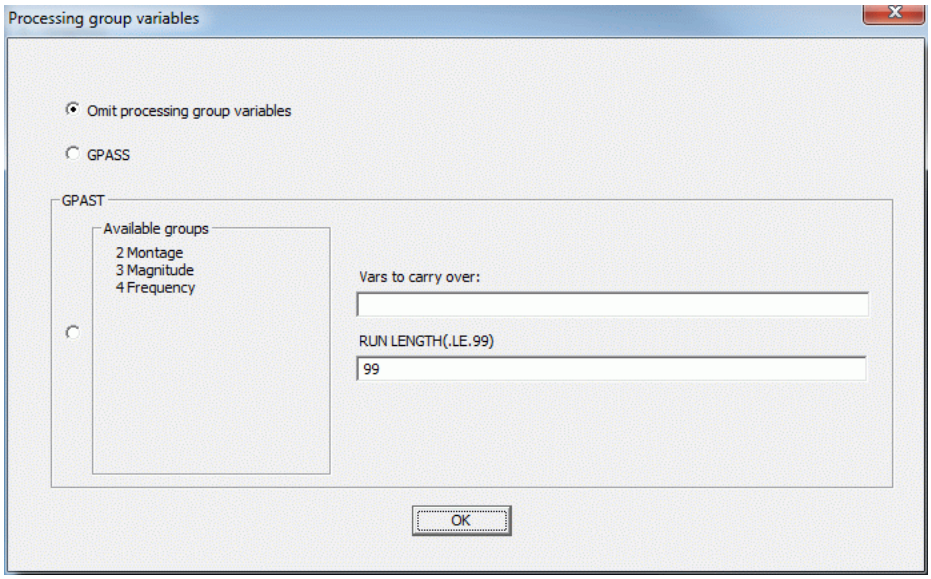
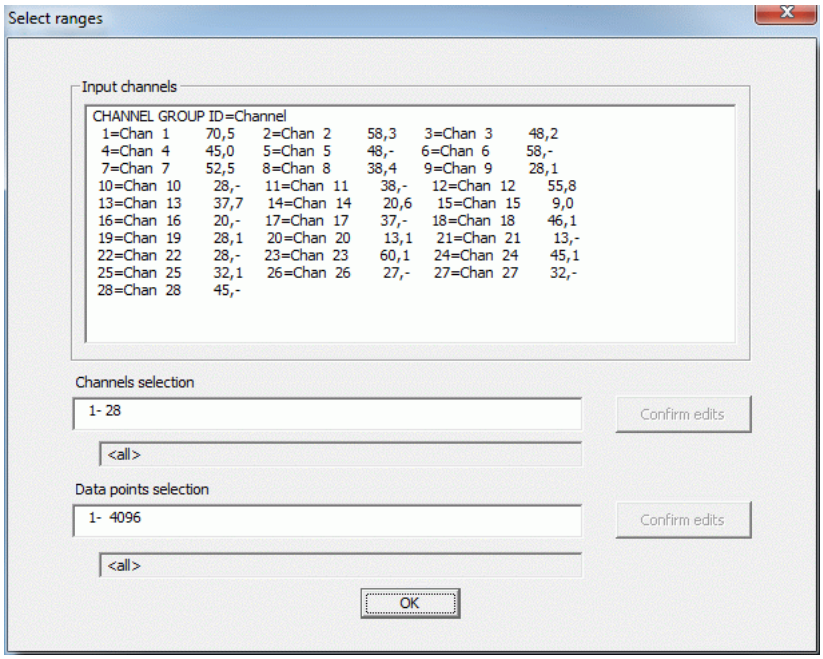
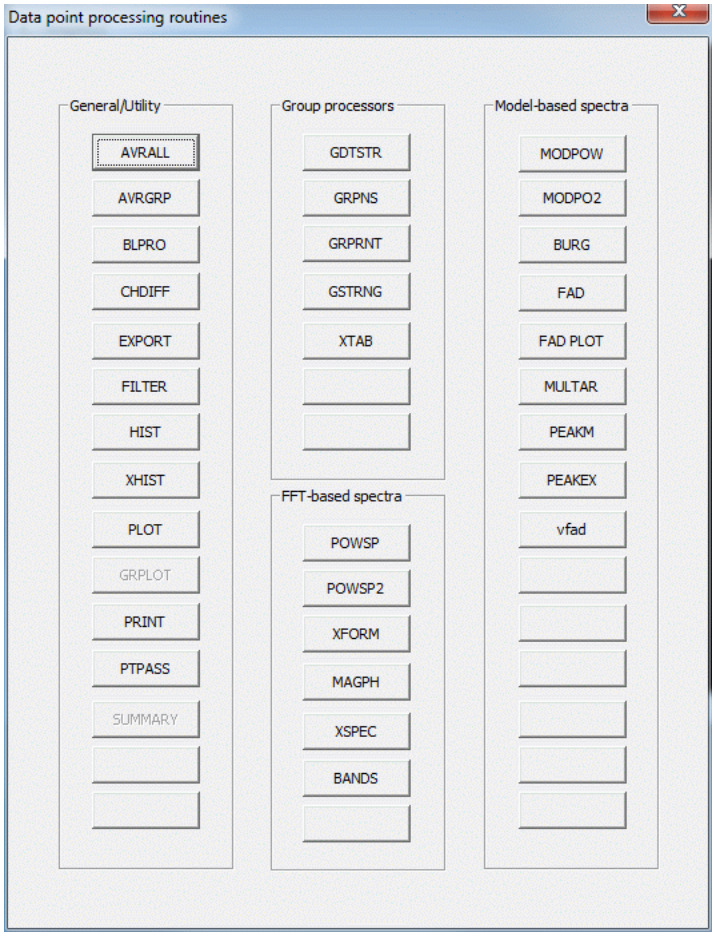

Choose input file (C:\EEGDATA\)
Available files
C2010-10-22T140643.fmn
C2010-10-22T140643a.fmn
myout.fil
out
Out1fil
Outfil
Select file
Last in
Last out
Quit program

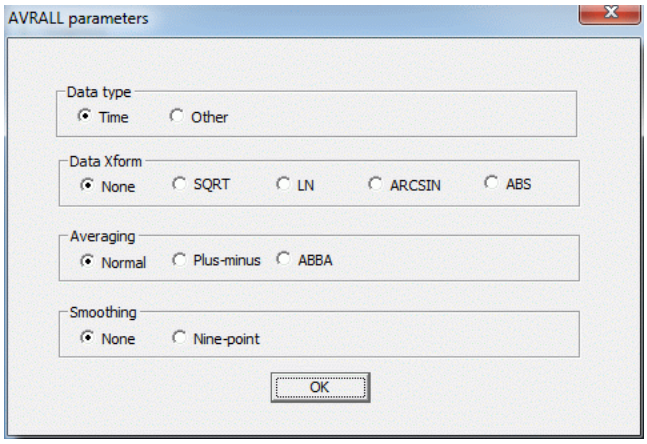

File info
Description
BDF/Event/Electrode files created on Friday, October 22, 2010 Date: 22.1
File: C:\Users\dopsfilman\Desktop\C2010-10-22T140643\C2010-10-22T140643
Subject: 0 Tech: dopsfilman
Event=DampedSinusoid Offset=0.00 Length=4.00 Removed record offsets
#Group vars=2 #Channels=28 #Samples=4096 Samp rate=1024
First generated file on dopsfilman
General info
NG = 4, NC = 28, ND = 4096
Data-point format: real4
Sampling rate = 1024
Insert/edit ID text (5 lines)
Copy input lines
File OK?
Yes
No

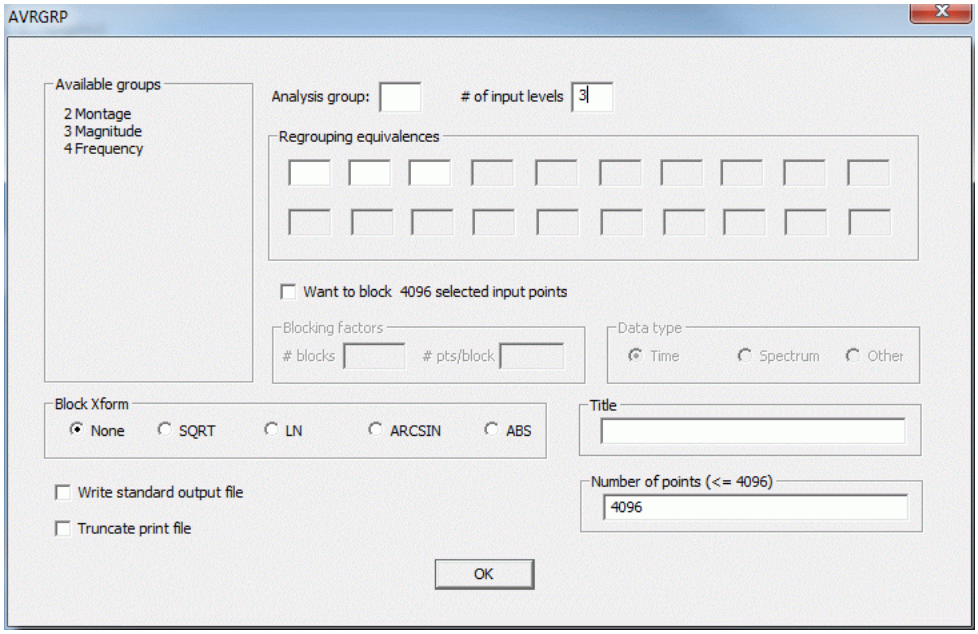

Record set selection
Use all recsets
Use evens recsets
Use odds recsets
Use first half
Use second half
Manually select records (on-line)
Use records listed:
Exclude records listed:
Use groups selection
Exclude groups selection
OK

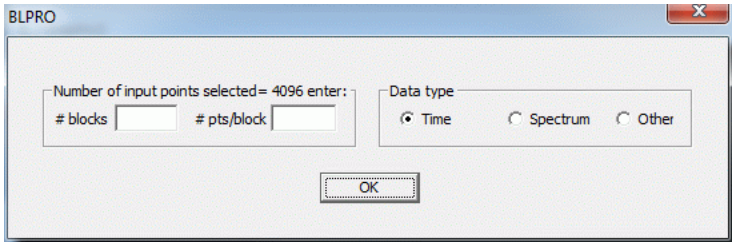

Processing group variables
Omit processing group variables
GPASS
GPAST
Available groups
2 Montage
3 Magnitude
4 Frequency
Vars to carry over:
RUN LENGTH(.LE.99)
99
OK

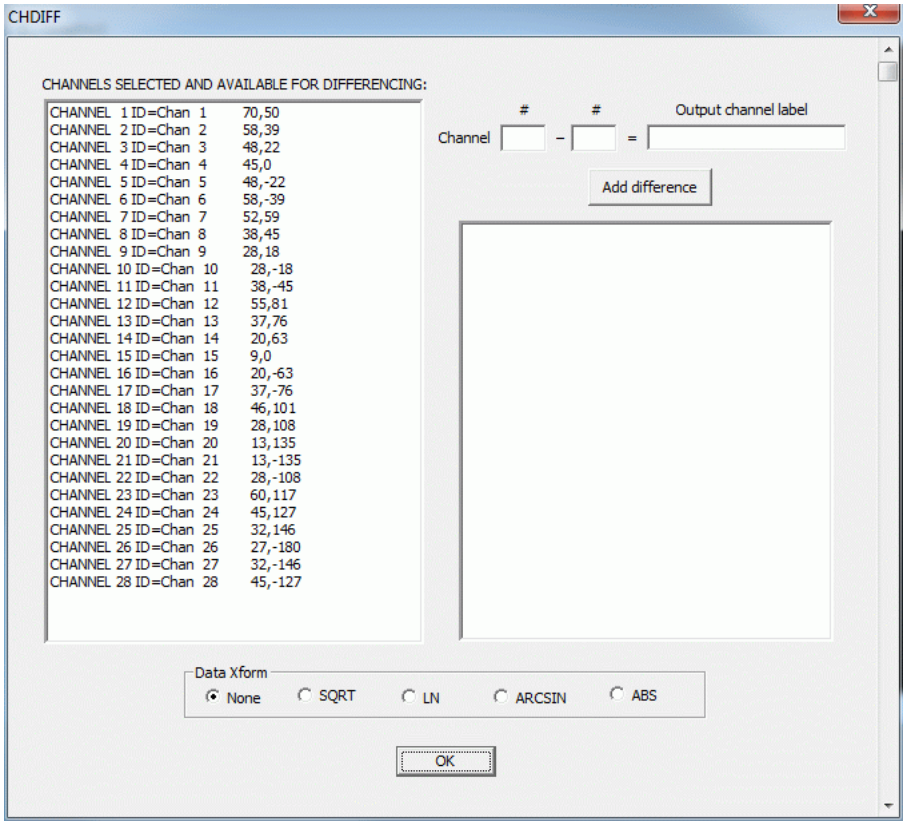

Select ranges
Input channels
CHANNEL GROUP ID=Channel
1=Chan 1 70,5 2=Chan 2 58,3 3=Chan 3 48,2
4=Chan 4 45,0 5=Chan 5 48,- 6=Chan 6 58,-
7=Chan 7 52,5 8=Chan 8 38,4 9=Chan 9 28,1
10=Chan 10 28,- 11=Chan 11 38,- 12=Chan 12 55,8
13=Chan 13 37,7 14=Chan 14 20,6 15=Chan 15 9,0
16=Chan 16 20,- 17=Chan 17 37,- 18=Chan 18 46,1
19=Chan 19 28,1 20=Chan 20 13,1 21=Chan 21 13,-
22=Chan 22 28,- 23=Chan 23 60,1 24=Chan 24 45,1
25=Chan 25 32,1 26=Chan 26 27,- 27=Chan 27 32,-
28=Chan 28 45,-
Channels selection
1- 28
Confirm edits
<all>
Data points selection
1- 4096
Confirm edits
<all>
OK

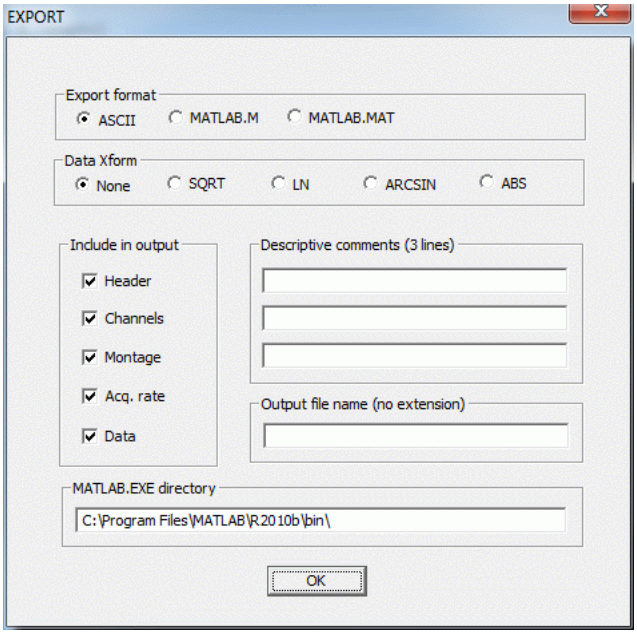

Data point processing routines
General/Utility
AVRALL
AVRGRP
BLPRO
CHDIFF
EXPORT
FILTER
HIST
XHIST
PLOT
GRPLOT
PRINT
PTPASS
SUMMARY
Group processors
GDTSTR
GRPNS
GRPRNT
GSTRNG
XTAB
FFT-based spectra
POWSP
POWSP2
XFORM
MAGPH
XSPEC
BANDS
Model-based spectra
MODPOW
MODPO2
BURG
FAD
FAD PLOT
MULTAR
PEAKM
PEAKEX
vfad

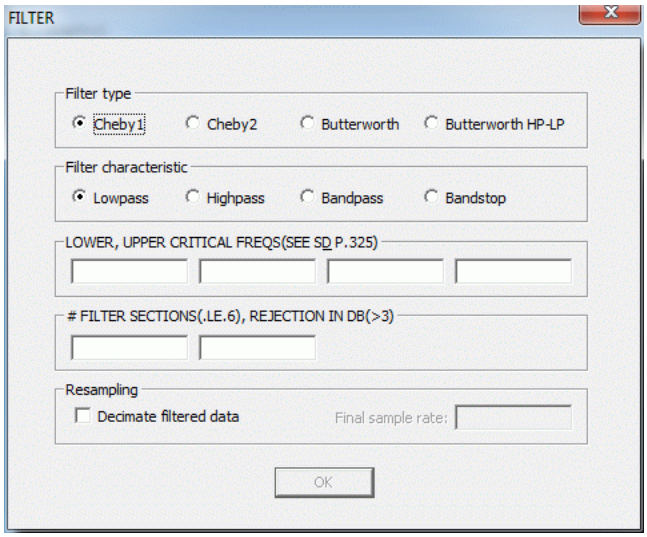

AVRALL parameters
Data type
Time
Other
Data Xform
None
SQRT
LN
ARCSIN
ABS
Averaging
Normal
Plus-minus
ABBA
Smoothing
None
Nine-point
OK

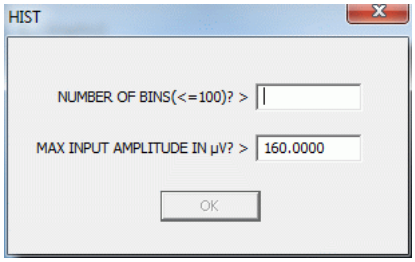

AVRGRP
Available groups
2 Montage
3 Magnitude
4 Frequency
Analysis group:
# of input levels
3
Regrouping equivalences
Want to block 4096 selected input points
Blocking factors
blocks
pts/block
Data type
Time
Spectrum
Other
Block Xform
None
SQRT
LN
ARCSIN
ABS
Title
Write standard output file
Truncate print file
Number of points (<= 4096)
4096
OK

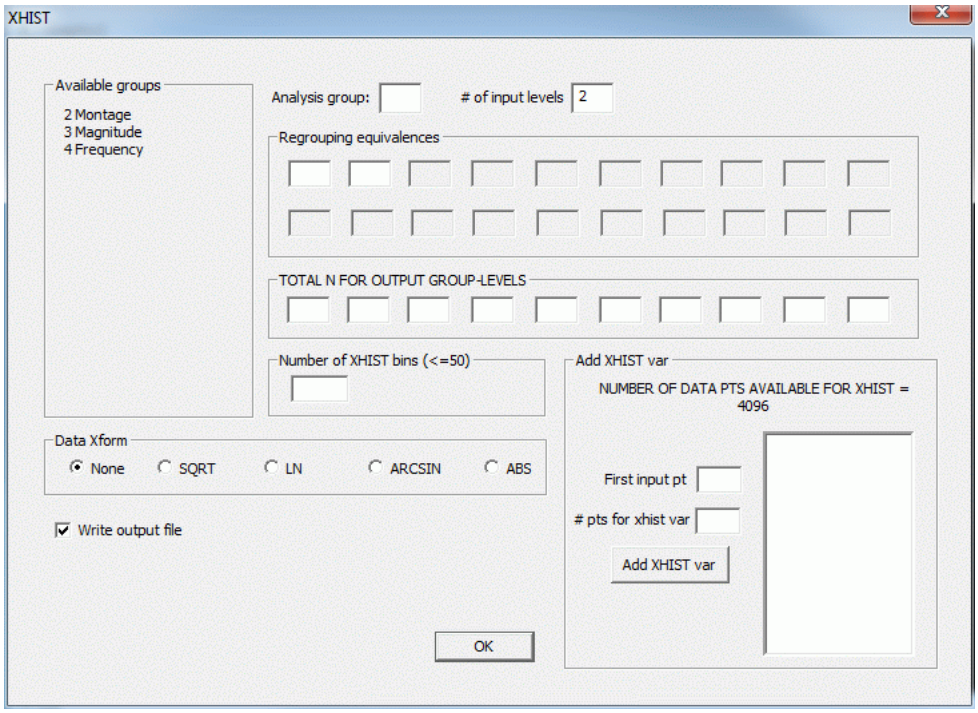

BLPRO
Number of input points selected= 4096 enter:
blocks
pts/block
Data type
Time
Spectrum
Other
OK

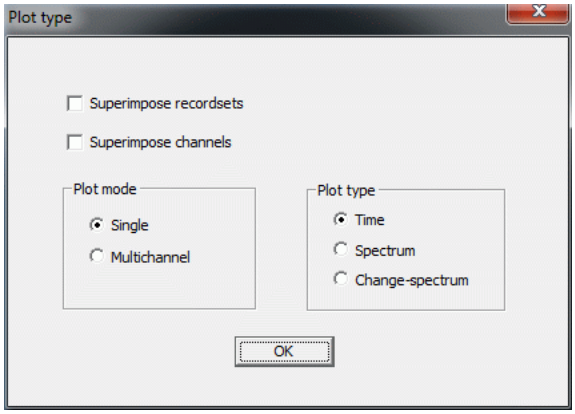

CHDIFF
CHANNELS SELECTED AND AVAILABLE FOR DIFFERENCING:
CHANNEL 1 ID=Chan 1 70,50
CHANNEL 2 ID=Chan 2 58,39
CHANNEL 3 ID=Chan 3 48,22
CHANNEL 4 ID=Chan 4 45,0
CHANNEL 5 ID=Chan 5 48,-22
CHANNEL 6 ID=Chan 6 58,-39
CHANNEL 7 ID=Chan 7 52,59
CHANNEL 8 ID=Chan 8 38,45
CHANNEL 9 ID=Chan 9 28,18
CHANNEL 10 ID=Chan 10 28,-18
CHANNEL 11 ID=Chan 11 38,-45
CHANNEL 12 ID=Chan 12 55,81
CHANNEL 13 ID=Chan 13 37,76
CHANNEL 14 ID=Chan 14 20,63
CHANNEL 15 ID=Chan 15 9,0
CHANNEL 16 ID=Chan 16 20,-63
CHANNEL 17 ID=Chan 17 37,-76
CHANNEL 18 ID=Chan 18 46,101
CHANNEL 19 ID=Chan 19 28,108
CHANNEL 20 ID=Chan 20 13,135
CHANNEL 21 ID=Chan 21 13,-135
CHANNEL 22 ID=Chan 22 28,-108
CHANNEL 23 ID=Chan 23 60,117
CHANNEL 24 ID=Chan 24 45,127
CHANNEL 25 ID=Chan 25 32,146
CHANNEL 26 ID=Chan 26 27,-180
CHANNEL 27 ID=Chan 27 32,-146
CHANNEL 28 ID=Chan 28 45,-127
Output channel label
Channel – =
Add difference
Data Xform
None SQRT LN ARCSIN ABS
OK

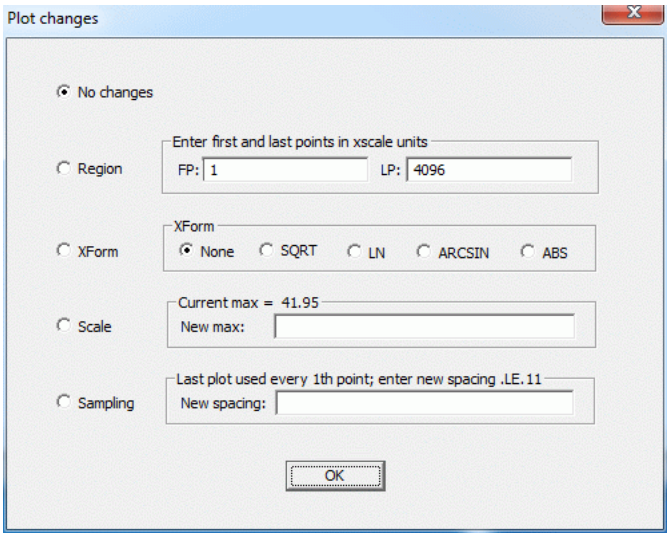

EXPORT
Export format
ASCII
MATLAB.M
MATLAB.MAT
Data Xform
None
SQRT
LN
ARCSIN
ABS
Include in output
Header
Channels
Montage
Acq. rate
Data
Descriptive comments (3 lines)
Output file name (no extension)
MATLAB.EXE directory
C:\Program Files\MATLAB\R2010b\bin\
OK

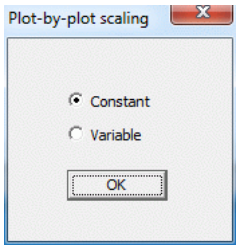

FILTER
Filter type
Cheby1
Cheby2
Butterworth
Butterworth HP-LP
Filter characteristic
Lowpass
Highpass
Bandpass
Bandstop
LOWER, UPPER CRITICAL FREQS(SEE SD P.325)
FILTER SECTIONS(.LE.6), REJECTION IN DB(>3)
Resampling
Decimate filtered data
Final sample rate:
OK

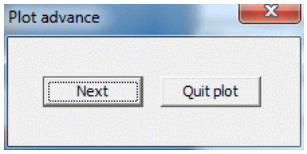

HIST
NUMBER OF BINS(<=100)? >
MAX INPUT AMPLITUDE IN μV? >
160.0000
OK

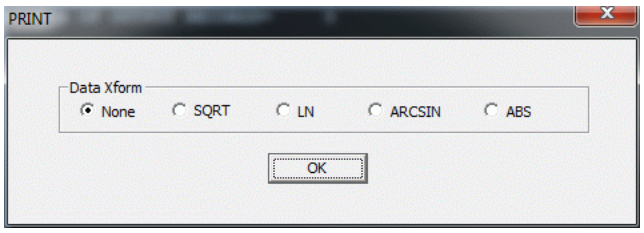

XHIST
Available groups
2 Montage
3 Magnitude
4 Frequency
Analysis group:
# of input levels
2
Regrouping equivalences
TOTAL N FOR OUTPUT GROUP-LEVELS
Number of XHIST bins (<=50)
Add XHIST var
NUMBER OF DATA PTS AVAILABLE FOR XHIST = 4096
First input pt
pts for xhist var
Add XHIST var
Data Xform
None
SQRT
LN
ARCSIN
ABS
Write output file
OK

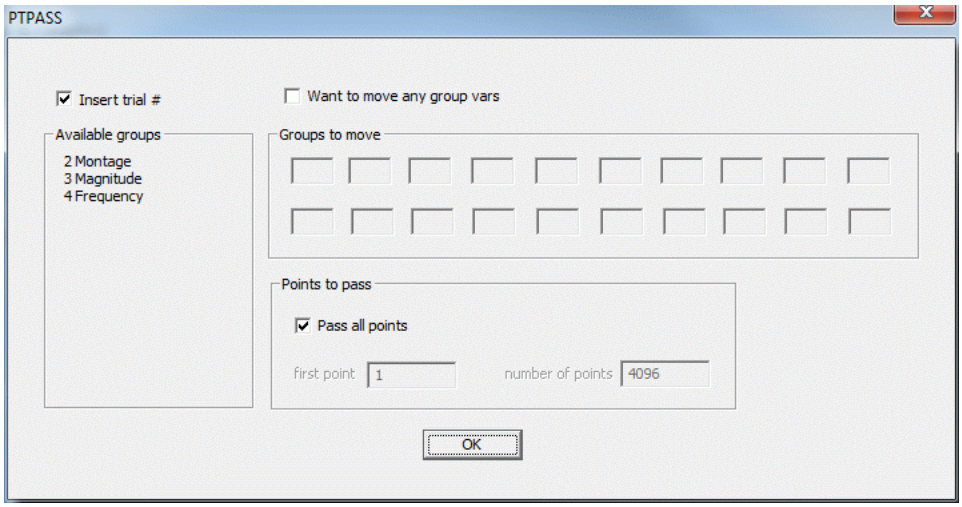

Plot type
Superimpose recordsets
Superimpose channels
Plot mode
Single
Multichannel
Plot type
Time
Spectrum
Change-spectrum
OK

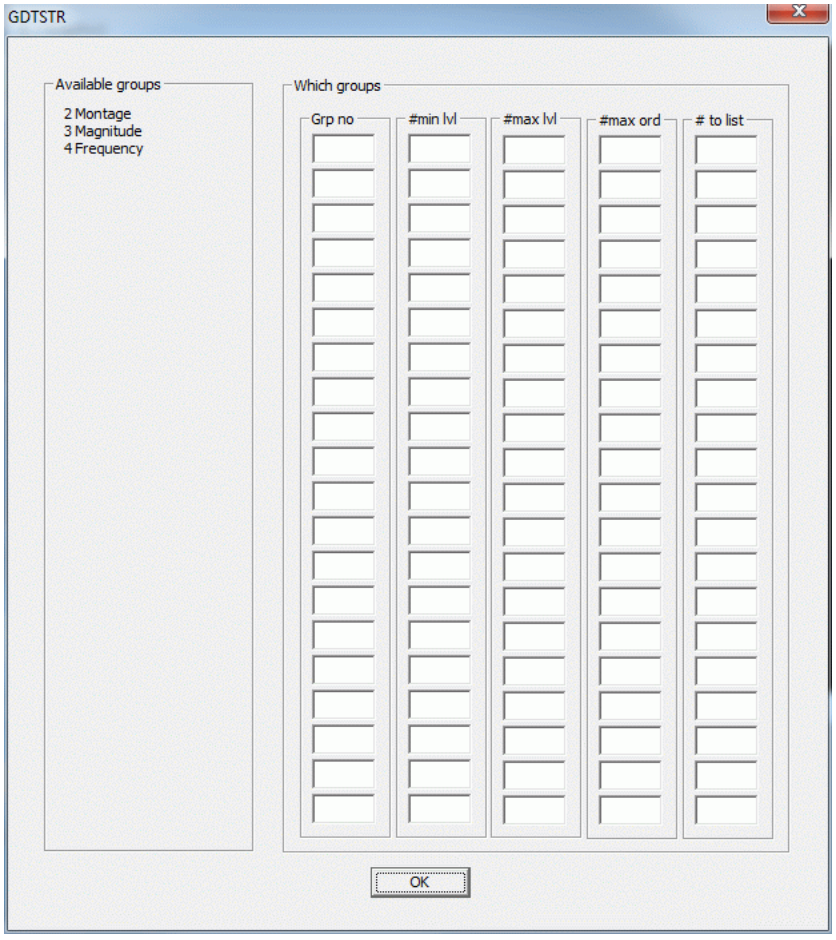

Plot changes
No changes
Region
Enter first and last points in xscale units
FP: 1
LP: 4096
XForm
XForm
None
SQRT
LN
ARCSIN
ABS
Scale
Current max = 41.95
New max:
Sampling
Last plot used every 1th point; enter new spacing .LE. 11
New spacing:
OK

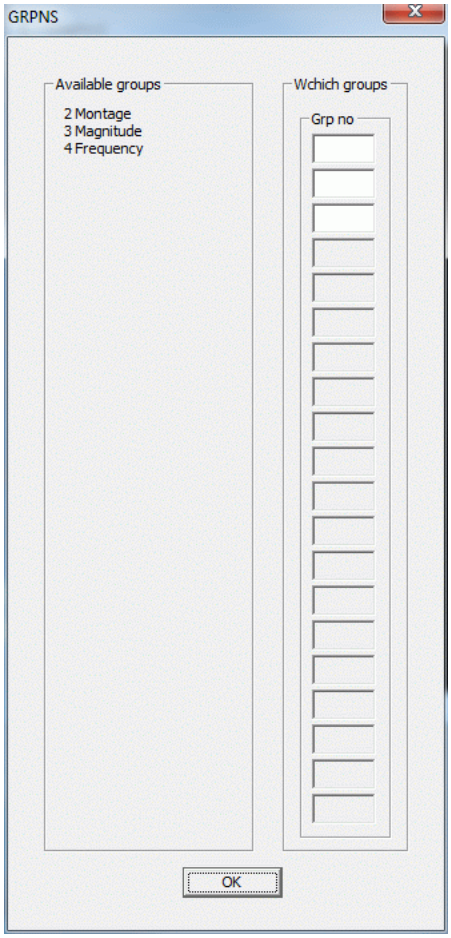

Plot-by-plot scaling
Constant
Variable
OK

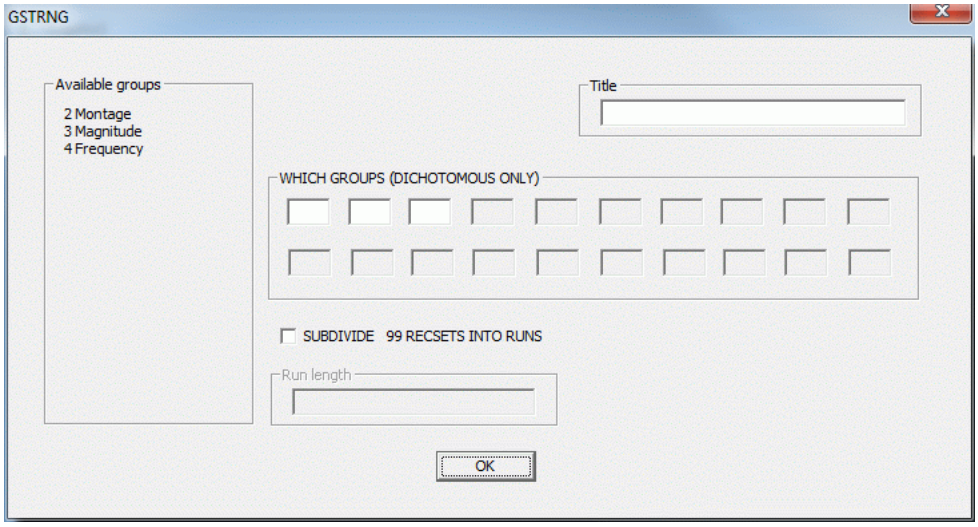

Plot advance
Next
Quit plot

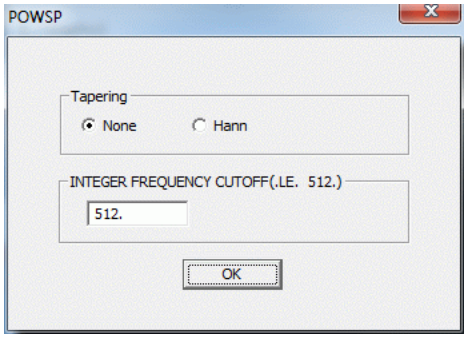

PRINT
Data Xform
None
SQRT
LN
ARCSIN
ABS
OK

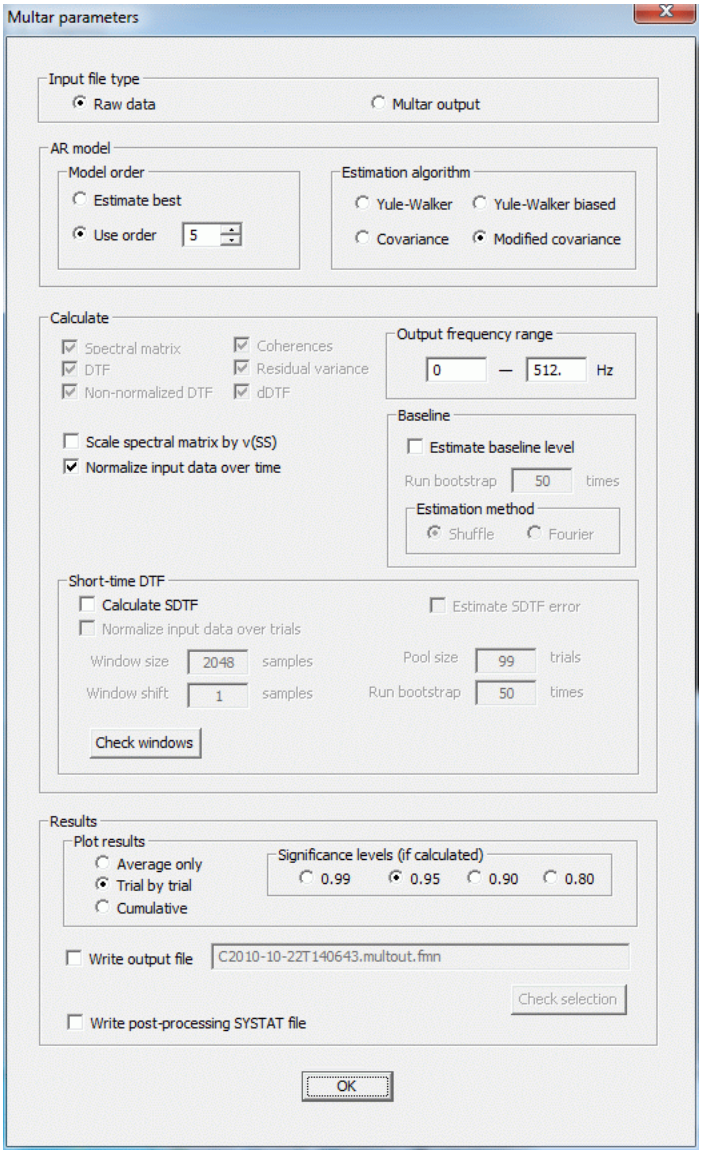

PTPASS
Insert trial #
Want to move any group vars
Available groups
2 Montage
3 Magnitude
4 Frequency
Groups to move
Points to pass
Pass all points
first point
1
number of points
4096
OK


GDTSTR
Available groups
2 Montage
3 Magnitude
4 Frequency
Which groups
Grp no
#min lvl
#max lvl
#max ord
to list
OK


GRPNS
Available groups
2 Montage
3 Magnitude
4 Frequency
Wchich groups
Grp no
OK


GSTRNG
Available groups
2 Montage
3 Magnitude
4 Frequency
Title
WHICH GROUPS (DICHOTOMOUS ONLY)
SUBDIVIDE 99 RECSETS INTO RUNS
Run length
OK


POWSP
Tapering
None
Hann
INTEGER FREQUENCY CUTOFF(.LE. 512.)
512.
OK


Multar parameters
Input file type
Raw data
Multar output
AR model
Model order
Estimate best
Use order
5
Estimation algorithm
Yule-Walker
Yule-Walker biased
Covariance
Modified covariance
Calculate
Spectral matrix
DTF
Non-normalized DTF
Coherences
Residual variance
dDTF
Output frequency range
0
512.
Hz
Scale spectral matrix by v(SS)
Normalize input data over time
Baseline
Estimate baseline level
Run bootstrap
50
times
Estimation method
Shuffle
Fourier
Short-time DTF
Calculate SDTF
Estimate SDTF error
Normalize input data over trials
Window size
2048
samples
Window shift
1
samples
Pool size
99
trials
Run bootstrap
50
times
Check windows
Results
Plot results
Average only
Trial by trial
Cumulative
Significance levels (if calculated)
0.99
0.95
0.90
0.80
Write output file
C2010-10-22T140643.multout.fmn
Check selection
Write post-processing SYSTAT file
OK