load('F:\matlab\_data\_F\MMN\_AEF\MY\_f\MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_rf2\_10\_double\_z0\_double\_k8\_kk.mat')

load('F:\matlab\_data\_F\MMN\_AEF\MY\_f\MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_rf2\_10\_double\_B\_double\_k8\_kk.mat')　　 data0=A\*z0;

load('F:\matlab\_data\_F\MMN\_AEF\MY\_f\stim\_info\_rt.mat')

load('F:\matlab\_data\_F\MMN\_AEF\MY\_f\MY-MMN\_LFM\_polhemus.mat')

data=[];for k=1:782 data=[data data0(:,stim\_info\_sort(k):stim\_info\_sort(k)+299)\*0.2 data0(:,stim\_info\_sort(k)+300:stim\_info\_sort(k)+498)];end　　　390218/499=782

Kdata=Kdata\_cal2(data,782); figure;plot(Kdata','display','')

 

figure;a\_contour\_plot\_kyudai\_204ch\_mod('',LFM\*Kdata,400)

BSS\_func\_kk('MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_waveletMMN\_sort\_rf2',data,1000)　　mmean0 =1　　mica =1　　mbss =2　 rf = 1000/499　 k = 10　　bssmm =1

filename6 =MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_waveletMMN\_sort\_rf2\_B\_k10\_kk

filename7 =MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_waveletMMN\_sort\_rf2\_z0\_k10\_kk

BKdata=Kdata\_cal2(z0,782); figure;plot(BKdata','display','')



x=z0; Ji=input('何次? : '); Hz=input('何Hz? : ');

[BBBB,AAAA]=butter(Ji,[Hz/(smp/2)],'low'); Hdata=filtfilt(BBBB,AAAA,x');

x=Hdata';　　何次? : 2　　何Hz? : 50

BKdata\_l=Kdata\_cal2(x,782); figure;plot(BKdata\_l','display','')



青は29BSS、緑は58BSS、水色は116BSS

figure;a\_contour\_plot\_kyudai\_204ch\_mod('',LFM\*A,29)

  

load('F:\matlab\_data\_F\MMN\_AEF\YE\_f\MMN\_550Hzdev\_rt\_raw\_trans\_tsss\_noisefree\_rf2\_10\_double\_z0\_double\_k8\_kk.mat')

load('F:\matlab\_data\_F\MMN\_AEF\YE\_f\MMN\_550Hzdev\_rt\_raw\_trans\_tsss\_noisefree\_rf2\_10\_double\_B\_double\_k8\_kk.mat')　　 data0=A\*z0;

load('F:\matlab\_data\_F\MMN\_AEF\YE\_f\stim\_info\_rt.mat')

load('F:\matlab\_data\_F\MMN\_AEF\YE\_f\YEf-MMN\_LFM\_polhemus.mat')

data=[];for k=1:623 data=[data data0(:,stim\_info\_sort(k):stim\_info\_sort(k)+299)\*0.2 data0(:,stim\_info\_sort(k)+300:stim\_info\_sort(k)+498)];end　　　 310877/499=623

Kdata=Kdata\_cal2(data,623); figure;plot(Kdata','display','')



figure;a\_contour\_plot\_kyudai\_204ch\_mod('',LFM\*Kdata,400)

BSS\_func\_kk('MMN\_550Hzdev\_rt\_raw\_trans\_tsss\_noisefree\_waveletMMN\_sort\_rf2',data,1000)　mmean0 =1　mica =1　mbss = 2　 rf = 1000/499　 k = 10　 bssmm =1

filename6 =MN\_550Hzdev\_rt\_raw\_trans\_tsss\_noisefree\_waveletMMN\_sort\_rf2\_B

\_k10\_kk

filename7 =MMN\_550Hzdev\_rt\_raw\_trans\_tsss\_noisefree\_waveletMMN\_sort\_rf2\_z0

\_k10\_kk

BKdata=Kdata\_cal2(z0,623); figure;plot(BKdata','display','')



x=z0; Ji=input('何次? : '); Hz=input('何Hz? : ');

[BBBB,AAAA]=butter(Ji,[Hz/(smp/2)],'low'); Hdata=filtfilt(BBBB,AAAA,x');

x=Hdata';　　何次? : 2　　何Hz? : 50

BKdata\_l=Kdata\_cal2(x,623); figure;plot(BKdata\_l','display','')



赤は31BSS、紫は110BSS、黒は154BSS

figure;a\_contour\_plot\_kyudai\_204ch\_mod('',LFM\*A,31);



load('F:\matlab\_data\_F\MMN\_AEF\NH\_ｆ\MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree

\_rf2\_10\_double\_z0\_double\_k8\_kk.mat')

load('F:\matlab\_data\_F\MMN\_AEF\NH\_ｆ\MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree

\_rf2\_10\_double\_B\_double\_k8\_kk.mat')　　　 data0=A\*z0;

load('F:\matlab\_data\_F\MMN\_AEF\NH\_ｆ\stim\_info\_rt.mat')

load('F:\matlab\_data\_F\MMN\_AEF\NH\_ｆ\NHf-MMN\_LFM\_polhemus.mat')

data=[];for k=1:896 data=[data data0(:,stim\_info\_sort(k):stim\_info\_sort(k)+299)\*0.2 data0(:,stim\_info\_sort(k)+300:stim\_info\_sort(k)+498)];end　　446605/499=895

Kdata=Kdata\_cal2(data,895); figure;plot(Kdata','display','')



figure;a\_contour\_plot\_kyudai\_204ch\_mod('',LFM\*Kdata,400);

BSS\_func\_kk('MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_waveletMMN\_sort\_rf2',data,1000)　　mmean0 =1　　mica =1　　mbss =2　 rf = 1000/499　 k = 10　　bssmm =1

filename6 =MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_waveletMMN\_sort\_rf2\_B\_k10\_kk

filename7 =MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_waveletMMN\_sort\_rf2\_z0\_k10\_kk

BKdata=Kdata\_cal2(z0,895); figure;plot(BKdata','display','')



x=z0; Ji=input('何次? : '); Hz=input('何Hz? : ');

[BBBB,AAAA]=butter(Ji,[Hz/(smp/2)],'low'); Hdata=filtfilt(BBBB,AAAA,x');

x=Hdata';　　何次? : 2　　何Hz? : 50

BKdata\_l=Kdata\_cal2(x,895); figure;plot(BKdata\_l','display','')



青は99BSS、黄色は111BSS、紫は117BSS

figure;a\_contour\_plot\_kyudai\_204ch\_mod('',LFM\*A,99);



load('F:\matlab\_data\_F\MMN\_AEF\PN\_f\MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_rf2\_10\_double\_z0\_double\_k8\_kk.mat')

load('F:\matlab\_data\_F\MMN\_AEF\PN\_f\MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_rf2\_10\_double\_B\_double\_k8\_kk.mat')　　　 data0=A\*z0;

load('F:\matlab\_data\_F\MMN\_AEF\PN\_f\stim\_info\_rt.mat')

load('F:\matlab\_data\_F\MMN\_AEF\PN\_f\PN-MMN\_LFM\_polhemus.mat')

data=[];for k=1:734 data=[data data0(:,stim\_info\_sort(k):stim\_info\_sort(k)+299)\*0.2 data0(:,stim\_info\_sort(k)+300:stim\_info\_sort(k)+498)];end

Kdata=Kdata\_cal2(data,734); figure;plot(Kdata','display','')



figure;a\_contour\_plot\_kyudai\_204ch\_mod('',LFM\*Kdata,400);

BSS\_func\_kk('MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_waveletMMN\_sort\_rf2',data,1000)　　mmean0 =1　　mica =1　　mbss =2　 rf = 1000/499　 k = 10　　bssmm =1

filename6 =MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_waveletMMN\_sort\_rf2\_B\_k10\_kk

filename7 =MMN\_550Hzdev\_rt\_raw\_tsss\_noisefree\_waveletMMN\_sort\_rf2\_z0\_k10\_kk

BKdata=Kdata\_cal2(z0,734); figure;plot(BKdata','display','')



x=z0; Ji=input('何次? : '); Hz=input('何Hz? : ');

[BBBB,AAAA]=butter(Ji,[Hz/(smp/2)],'low'); Hdata=filtfilt(BBBB,AAAA,x');

x=Hdata';　　何次? : 2　　何Hz? : 50

BKdata\_l=Kdata\_cal2(x,734); figure;plot(BKdata\_l','display','')



紫は12BSS、黄色は20BSS、緑は23BSS

figure;a\_contour\_plot\_kyudai\_204ch\_mod('',LFM\*A,12);

